

Supplementary Material

Product overview of the 10 largest pharmaceutical companies:

BCS classification:

BCS1: high solubility, high permeability

BCS2: low solubility, high permeability

BCS3: high solubility, low permeability

BCS4: low solubility, low permeability

BCS0: No information on BCS class available or solubility/permeability data inconclusive

Pfizer products (<https://www.pfizer.com/products>):

1. [ACCUPRIL®](#) Oral BCS1 1991 90s1

(quinapril HCl)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/019885s0281bl.pdf

2. [ACCURETIC®](#) Oral BCS0 1999 90s0

(quinapril HCl/hydrochlorothiazide)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/019885s0281bl.pdf

3. [ACETYLCYSTEINE](#)

(acetylcysteine solution)

4. [ADENOSINE](#)

(adenosine)

5. [ALDACTAZIDE®](#) Oral BCS2 1978 70s2

(spironolactone and hydrochlorothiazide)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/012151s0621bl.pdf

6. [ALDACTONE®](#) Oral BCS2 1960 60s2

(spironolactone)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/012151s0621bl.pdf

7. [ALFENTANIL INJECTION](#)
8. [ALTACE®](#) Oral BCS0 1991 90s0
 (ramipril)
9. [AMIDATE™](#)
 (etomidate)
10. [AMINOCAPROIC ACID](#)
11. [AMINOPHYLLINE](#)
 (aminophylline)
12. [AMIODARONE HYDROCHLORIDE](#) Oral BCS0 1985 80s0
13. [AMMONIUM CHLORIDE](#)
14. [AMPICILLIN AND SULBACTAM](#)
15. [AMPICILLIN FOR INJECTION](#)
 Ampicillin Sodium
16. [ARGATROBAN](#)
 (argatroban injection, solution)
17. [AROMASIN®](#) Oral BCS4 1999 90s4
 (exemestane)
https://www.accessdata.fda.gov/drugsatfda_docs/label/1999/20753LBL.PDF
18. [ARTHROTEC®](#) Oral BCS2 1997 90s2
 (diclofenac sodium/misoprostol)
https://www.ema.europa.eu/en/documents/referral/diclofenac-article-29-referral-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/outside-eu-assessment-report/hemoprostol-public-assessment-report_en.pdf
19. [ATGAM®](#)
 (lymphocyte immune globulin, anti-thymocyte globulin [equine] sterile solution)
20. [ATRACURIUM BESYLATE](#)
 (atracurium besylate)

21. [ATROPINE SULFATE](#)

22. [AZITHROMYCIN](#)

23. [AZTREONAM](#)

(aztreonam)

24. [AZULFIDINE®](#) Oral BCS2 BCS4 1950 50s4

(sulfasalazine, USP)

https://www.pfizer.ca/sites/default/files/202011/Salazopyrin_PM_E_19Oct2020_239257.pdf

25. [BAVENCIO](#)

(avelumab)

26. [BENEFIX®](#)

(coagulation factor IX (recombinant))

27. [BESPONSA™ for injection](#)

(inotuzumab ozogamicin)

28. [BICILLIN® C-R](#)

(penicillin G benzathine and penicillin G procaine injectable suspension)

29. [BICILLIN® L-A](#)

(penicillin G benzathine)

30. [BIVALIRUDIN](#)

(bivalirudin)

31. [BLEOMYCIN](#)

32. [BORTEZOMIB](#)

(bortezomib)

33. [BOSULIF®](#) Oral BCS4 2012-4 10s4

(bosutinib)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2012/203341orig1s000clinpharmr.pdf

34. [BRAFTOVI® capsules](#) Oral BCS2 2018-2 10s2
(encorafenib)
https://www.ema.europa.eu/en/documents/assessment-report/braftovi-epar-public-assessment-report_en.pdf
35. [BUMETANIDE](#)
(bumetanide)
36. [BUPIVACAINE](#)
(bupivacaine hydrochloride)
37. [BUPRENORPHINE HYDROCHLORIDE](#)
(buprenorphine hydrochloride)
38. [BUSULFAN](#)
(busulfan)
39. [BUTORPHANOL TARTRATE](#)
(butorphanol tartrate)
40. [CADUET®](#) Oral BCS2 2004-2 00s2
(amlodipine besylate/[atorvastatin](#) calcium)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210045Orig1s000ChemR.pdf
https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020702s0571bl.pdf
41. [CALAN®](#) Oral BCS1 1984 80s1
(verapamil hydrochloride)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/018925s0101bl.pdf
42. [CALCIUM CHLORIDE](#)
(calcium chloride)
43. [CAMPTOSAR®](#)
(irinotecan HCl injection)

44. [CARBOCAINE](#)
(mepivacaine)
45. [CARBOPLATIN](#)
(carboplatin)
46. [CARDURA®](#) Oral BCS0 1990 90s0
(doxazosin mesylate)
47. [CARDURA® XL](#) Oral BCS0 1990 90s0
(doxazosin mesylate extended release)
48. [CAVERJECT®](#)
(alprostadil injection, powder, lyophilized, for solution)
49. [CEFAZOLIN](#)
(cefazolin)
50. [CEFEPIME](#)
(Cefepime)
51. [CEFOBID](#)
(cefoperazone sodium)
52. [CEFTRIAZONE](#)
(ceftriaxone)
53. [CELEBREX](#) Oral BCS2 1998 90s2
(celecoxib capsules)

https://www.ema.europa.eu/en/documents/scientific-discussion/onsenal-epar-scientific-discussion_en.pdf
54. [CELONTIN®](#) Oral BCS0 1957 50s0
(methsuximide capsules)
55. [CEREBYX®](#)

- (fosphenytoin sodium injection)
56. [CHANTIX®](#) Oral BCS1 2006-1 00s1
(varenicline)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2006/021928_s000_Chantix_ChemR.pdf
57. [CHROMIUM](#)
(chromic chloride)
58. [CIBINQO™](#) Oral BCS2 2022-2 20s2
(abrocitinib)
https://www.ema.europa.eu/en/documents/assessment-report/cibingo-epar-public-assessment-report_en.pdf
59. [CIPROFLOXACIN](#)
(ciprofloxacin)
60. [CISATRACURIUM BESYLATE](#)
(cisatracurium besylate)
61. [CLEOCIN](#)
(clindamycin)
62. [COLESTID®](#)
(micronized colestipol hydrochloride)
63. [COMIRNATY®](#)
(COVID-19 Vaccine, mRNA)
64. [COPPER](#)
(cupric chloride)
65. [CORLOPAM®](#)

- (fenoldopam mesylate)
66. [CORTEF®](#) Oral BCS2 1952 50s2
(hydrocortisone tablets)
https://ec.europa.eu/health/documents/community-register/2011/20111103110069/anx_110069_en.pdf
67. [CORTISPORIN®](#)
(neomycin and polymyxin B sulfates, and hydrocortisone acetate)
68. [CORVERT®](#)
(ibutilide fumarate injection)
69. [CORZIDE®](#) Oral BCS0
(nadolol and bendroflumethiazide)
70. [COVERA-HS®](#) Oral BCS1 1984 80s1
(verapamil hydrochloride extended-release)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/018925s010lbl.pdf
71. [CUTAQUIG®](#)
(Immune Globulin Subcutaneous (Human) - hipp), 16.5% solution
72. [CYKLOKAPRON®](#)
(tranexamic acid injection)
73. [CYTARABINE](#)
(cytarabine)
74. [CYTOMEL®](#) Oral BCS0 1956 50s0
(liothyronine sodium)
75. [CYTOTEC®](#) Oral BCS1 1988 80s1
(misoprostol)

https://www.ema.europa.eu/en/documents/outside-eu-assessment-report/hemoprostol-public-assessment-report_en.pdf

76. [DACARBAZINE](#)

(dacarbazine)

77. [DAPTOMYCIN](#)

(daptomycin)

78. [DAURISMO Tablets](#) Oral BCS4 2018-4 10s4

(glasdegib)

https://www.ema.europa.eu/en/documents/assessment-report/daurismo-epar-public-assessment-report_en.pdf

79. [DAYPRO ALTA™](#) Oral BCS2 1992 90s2

(oxaprozin potassium)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2007/18841s022lbl.pdf

80. [DAYPRO®](#) Oral BCS2 1992 90s2

(oxaprozin)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2007/18841s022lbl.pdf

81. [DEFEROXAMINE MESYLATE](#)

(deferoxamine mesylate)

82. [DEMEROL™](#)

(meperidine hydrochloride)

83. [DEPO-MEDROL®](#)

(methylprednisolone acetate injectable suspension)

84. [DEPO-PROVERA](#)

(medroxyprogesterone acetate injectable suspension)

85. [DEPO-SUBQ PROVERA 104®](#)

- (medroxyprogesterone acetate injectable suspension)
86. [DEPO®-ESTRADIOL](#)
(estradiol cypionate injection)
87. [DEPO®-TESTOSTERONE](#)
(testosterone cypionate injection)
88. [DETROL®](#) Oral BCS1 1998 90s1
(tolterodine tartrate)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020771s0221bl.pdf
89. [DEXTROSE](#)
(dextrose)
90. [DIABINESE®](#) Oral BCS2 1998 90s2
(chlorpropamide)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/011641s0641bl.pdf
91. [DIAZEPAM](#)
(diazepam)
92. [DIDREX](#) Oral BCS1 1960 60s1
(benzphetamine hydrochloride)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/012427s0261bl.pdf
93. [DIFLUCAN®](#) Oral BCS0 1988 80s0
(fluconazole)
94. [DILANTIN®](#) Oral BCS2 1953 50s2
(phenytoin oral suspension, phenytoin, and extended phenytoin sodium)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/008762s057s0581bl.pdf

95. [DILTIAZEM HYDROCHLORIDE](#)
(diltiazem hydrochloride)
96. [DOBUTAMINE](#)
(dobutamine)
97. [DOCETAXEL INJECTION](#)
98. [DOPAMINE](#)
(dopamine)
99. [DOSTINEX®](#) Oral BCS2 BCS4 1996 90s4
(cabergoline)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2014/020664s0131bl.pdf
100. [DOXERCALCIFEROL](#)
(doxercalciferol)
101. [DOXORUBICIN HYDROCHLORIDE](#)
(doxorubicin hydrochloride)
102. [DROPERIDOL](#)
(droperidol)
103. [DUAVEE®](#) Oral BCS0
(conjugated estrogens/bazedoxifene)
104. [EFFEXOR® XR](#) Oral BCS1 1997 90s1
(venlafaxine hydrochloride)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2005/020699s0591bl.pdf
105. [ELELYSO™](#)
(taliglucerase alfa)
106. [ELIQUIS](#) Oral BCS3 2012-3 10s3
(apixaban)

https://www.ema.europa.eu/en/documents/scientific-guideline/apixaban-film-coated-tablet-25-5-mg-product-specific-bioequivalence-guidance_en.pdf

107. [ELLENCÉ®](#)

(epirubicin hydrochloride)

108. [EMCYT®](#) Oral BCS1 BCS3 1981 80s1

(estramustine phosphate sodium)

https://cdn.pfizer.com/pfizercom/products/uspi_emcyt.pdf

109. [ENALAPRILAT](#)

(enalaprilat)

110. [EPINEPHRINE](#)

(epinephrine)

111. [ERAXIS™](#)

(anidulafungin)

112. [Ertapenem](#)

(Ertapenem)

113. [ERYTHROCIN™ LACTOBIONATE](#)

(erythromycin lactobionate)

114. [ESTRING®](#)

(estradiol vaginal ring)

115. [EUCRISA™](#)

(crisaborole)

116. [FELDENE®](#) Oral BCS2 1982 80s2

(piroxicam)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2006/018147s0291bl.pdf

117. [FENTANYL CITRATE](#)

- (fentanyl citrate)
118. [FLAGYL®](#) Oral BCS0
(metronidazole)
119. [FLUCONAZOLE](#)
(fluconazole)
120. [FOSCAVIR®](#)
(foscarnet sodium)
121. [FRAGMIN®](#)
(dalteparin sodium injection)
122. [FUROSEMIDE](#)
(furosemide)
123. [GELFILM®](#)
(gelfilm absorbable film)
124. [GELFOAM® and GEL-FLOW NT](#)
(absorbable gelatin)
125. [GEMCITABINE](#)
(gemcitabine)
126. [GENOTROPIN](#)
(somatropin [rDNA origin])
127. [GENTAMICIN SULFATE](#)
(gentamicin sulfate)
128. [GEODON](#) Oral BCS4 2001 00s4
(ziprasidone HCl)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2002/20-919_Geodon_biopharmr.pdf

129. [GLUCOTROL®](#) Oral BCS2 1994 90s2
(glipizide)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/017783s0191bl.pdf
130. [GLYNASE® PRESTAB®](#) Oral BCS0
(micronized glyburide)
131. [GLYSET®](#) Oral BCS1 1999 90s1
(miglitol)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/020682s0101bl.pdf
132. [HALCION®](#) Oral BCS2 1982 80s2
(triazolam)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2019/017892s0501bl.pdf
133. [HEMABATE®](#)
(carboprost tromethamine)
134. [HEPARIN SODIUM INJECTION](#)
(heparin sodium)
135. [HETASTARCH](#)
(hetastarch)
136. [HEXTEND](#)
(hetastarch)
137. [HUMATIN](#)
(paromomycin sulfate)
138. [HYDROMORPHONE HYDROCHLORIDE](#)
(hydromorphone hydrochloride)
139. [IBRANCE®](#) Oral BCS2 2015-2 10s2

(palbociclib)

https://www.ema.europa.eu/en/documents/scientific-guideline/draft-palbociclib-hard-capsule-75-mg-100-mg-125-mg-product-specific-bioequivalence-guidance_en-0.pdf

140. [IDAMYCIN®](#)

(idarubicin hydrochloride)

141. [INDOMETHACIN](#)

(indomethacin)

142. [INFLECTRA®](#)

(infliximab-dyyb)

143. [INLYTA®](#) Oral BCS2 2012-2 10s2

(axitinib)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2012/202324orig1s000clinpharmr.pdf

144. [INSPRA](#) Oral BCS4 2002-4 00s4

(eplerenone)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/021437s013lbl.pdf

145. [INTAL® Nebulizer](#)

(cromolyn sodium)

146. [IRINOTECAN HYDROCHLORIDE](#)

(irinotecan hydrochloride)

147. [IXIFI™ for injection, for Intravenous Use](#)

(infliximab-qbtx)

148. [KERYDIN®](#)

(tavaborole)

149. [KETAMINE HYDROCHLORIDE](#)

(ketamine hydrochloride)

150. [KETOROLAC TROMETHAMINE](#)

(ketorolac tromethamine)

151. [LABETALOL HYDROCHLORIDE](#)

(labetalol hydrochloride)

152. [LEVETIRACETAM](#)

(levetiracetam)

153. [LEVOFLOXACIN](#)

(levofloxacin)

154. [LEVOPHED](#)

(norepinephrine)

155. [LEVOXYL®](#) Oral BCS0

(levothyroxine sodium)

156. [LIDOCAINE HYDROCHLORIDE](#)

(lidocaine hydrochloride)

157. [LINCOCIN®](#)

(lincomycin)

158. [LINEZOLID](#)

(linezolid)

159. [LIPITOR®](#) Oral BCS4 1996 90s4

(atorvastatin calcium)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020702s0571bl.pdf

160. [LO/OVRAL®](#) Oral BCS0 1979 70s0

(norgestrel and ethinyl estradiol)

161. [Lomotil®](#) Oral BCS0

- (diphenoxylate hydrochloride with atropine sulfate)
162. [LONITEN®](#) Oral BCS0 1979 70s0
(minoxidil tablets)
163. [LOPID®](#) Oral BCS2 1982 80s2
(gemfibrozil)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/018422s0551bl.pdf
164. [LORAZEPAM](#)
(lorazepam)
165. [LORBRENA®](#) Oral BCS4 2018-4 10s4
(lorlatinib)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210868Orig1s000ChemR.pdf
166. [LOW MOLECULAR WEIGHT DEXTRAN](#)
(dextran 40)
167. [LYRICA® and LYRICA®CR](#) Oral BCS1 2004-1 00s1
(pregabalin) and (pregabalin extended release tablets)
https://www.ema.europa.eu/en/documents/assessment-report/pregabalin-zentiva-epar-public-assessment-report_en.pdf
168. [MAGNESIUM SULFATE](#)
(magnesium sulfate)
169. [MANGANESE CHLORIDE](#)
(manganese chloride)
170. [MANNITOL](#)
(mannitol)
171. [MARCAINE](#)
(bupivacaine hydrochloride)

172. [MAXIPIME](#)
(cefepime hydrochloride)
173. [MEDROL®](#) Oral BCS2 1957 50s2
(methylprednisolone)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2018/011153s075lbl.pdf
174. [MEKTOVI® tablets](#) Oral BCS4 2018-4 10s4
(binimetinib)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2018/210498lbl.pdf
175. [MENEST®](#) Oral BCS0
(esterified estrogens)
176. [MEPIVACAINE](#)
(mepivacaine)
177. [MEROPENEM](#)
(Meropenem)
178. [MERREM® I.V.](#)
(meropenem for injection)
179. [METHOTREXATE](#)
(methotrexate)
180. [METOCLOPRAMIDE HYDROCHLORIDE](#)
(metoclopramide)
181. [METOPROLOL](#)
(metoprolol)
182. [METRONIDAZOLE](#)
(metronidazole)

183. [MICRONASE®](#) Oral BCS0 1984 80s0
(glyburide)
184. [MIDAZOLAM](#)
(midazolam)
185. [MILRINONE LACTATE](#)
(milrinone lactate)
186. [MINIPRESS®](#) Oral BCS0 1988 80s0
(prazosin hydrochloride)
187. [MITOXANTRONE HYDROCHLORIDE](#)
(mitoxantrone hydrochloride)
188. [MORPHINE SULFATE](#)
(Morphine Sulfate)
189. [MULTI-VITAMIN INFUSION](#)
190. [MYCOBUTIN®](#) Oral BCS0 1992 90s0
(rifabutin)
191. [MYFEMBREE®](#) Tablets
(relugolix, estradiol, and norethindrone acetate)
192. [MYLOTARG™](#)
(gemtuzumab ozogamicin for injection)
193. [Nadolol Tablets](#) Oral BCS3 1979 70s3
(nadolol)
doi.org/10.1021/mp070028i
194. [NALBUPHINE HYDROCHLORIDE](#)
(nalbuphine hydrochloride)
195. [NALOXONE HYDROCHLORIDE](#)

- (naloxone hydrochloride)
196. [NARDIL®](#) Oral BCS0 1961 60s0
(phenelzine sulfate)
197. [NAVANE®](#) Oral BCS0
(thiothixene)
198. [NEOSPORIN® G.U. Irrigant](#)
(neomycin sulfate – polymyxin B sulfate)
199. [NEOSPORIN® Ophthalmic Solution](#)
(neomycin and polymyxin B sulfates, and gramicidin)
200. [NEURONTIN®](#) Oral BCS3 2000-3 00s
(gabapentin)
<https://www.fda.gov/media/108504/download>
201. [NICOTROL® Inhaler](#)
(nicotine)
202. [NICOTROL® NS](#)
(nicotine)
203. [NIPENT™](#)
(pentostatin)
204. [NITROSTAT®](#)
(nitroglycerin)
205. [NIVESTYM™](#)
(filgrastim-aafi)
206. [NORMINEST® FE Tablets and NORQUEST® FE Tablets](#) Oral BCS0
norethindrone and ethinyl estradiol

207. [NORPACE® and NORPACE® CR](#) Oral BCS1 1977 70s1
(disopyramide phosphate)
<https://www.pfizermedicalinformation.com/en-us/norpace/description>
208. [North American Coral Snake Antivenin](#)
(Equine)
209. [NORVASC®](#) Oral BCS1 1987 80s1
(amlodipine besylate)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210045Orig1s000ChemR.pdf
210. [NYVEPRIA™](#)
(pegfilgrastim-apgf)
211. [OCTAGAM](#)
Immune Globulin Intravenous (Human)
212. [OGEN®](#) Oral BCS1 BCS3 1977-3 70s3
(estropipate)
<https://labeling.pfizer.com/ShowLabeling.aspx?id=668>
213. [ONDANSETRON](#)
(ondansetron)
214. [ORGOVYX® Tablets](#) Oral BCS4 2020-4 20s4
(relugolix)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2020/214621Orig1s000ChemR.pdf
215. [OXALIPLATIN](#)
(oxaliplatin)
216. [PACLITAXEL](#)
(paclitaxel)

217. [Palonosetron Hydrochloride](#)
(palonosetron hydrochloride)
218. [PAMIDRONATE DISODIUM](#)
(pamidronate disodium)
219. [PANCURONIUM BROMIDE](#)
(pancuronium bromide)
220. [PANZYGA](#)
(immune globulin intravenous, human - ifas)
221. [PARICALCITOL](#)
(paricalcitol)
222. [PAXLOVID™](#) Oral BCS4 2021-4 20s4
(nirmatrelvir and ritonavir)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022417s000_ChemR.pdf
223. [PEMETREXED INJECTION](#)
224. [PENICILLIN G PROCAINE](#)
(penicillin g procaine)
225. [Pfizer-BioNTech COVID-19 Vaccine](#)
(also known as BNT162b2)
226. [PFIZERPEN®](#)
(penicillin G potassium)
227. [PHOSPHOLINE IODIDE®](#)
(echothiophate iodide)
228. [PIPERACILLIN AND TAZOBACTAM](#)
(piperacillin and tazobactam)
229. [PLEGISOL®](#)

(potassium chloride, sodium chloride, calcium chloride, and magnesium chloride)

230. [POTASSIUM ACETATE](#)

(potassium acetate)

231. [POTASSIUM CHLORIDE](#)

(potassium chloride)

232. [POTASSIUM PHOSPHATES](#)

(potassium phosphates)

233. [PRAZOSIN HYDROCHLORIDE](#) Oral BCS0 1988 80s0

(PRAZOSIN HYDROCHLORIDE)

234. [PRECEDEX™](#)

(dexmedetomidine hydrochloride)

235. [PREMARIN®](#) Oral BCS0

(conjugated estrogens)

236. [PREMPRO®/PREMPHASE®](#) Oral BCS0

(conjugated estrogens/medroxyprogesterone acetate)

237. [PREPIDIL®](#)

(dinoprostone)

238. [PREVNAR 13](#)

(pneumococcal 13-valent conjugate vaccine [diphtheria CRM197 Protein])

239. [Pnevnar 20™](#)

(Pneumococcal 20-valent Conjugate Vaccine)

240. [PRISTIQ®](#) Oral BCS1 2008-1 00s1

(desvenlafaxine)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/021992s0301bl.pdf

241. [PROCAINAMIDE HYDROCHLORIDE](#)
(procainamide hydrochloride)
242. [PROCARDIA®](#) Oral BCS2 1981 80s2
(nifedipine)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2011/020198s023lbl.pdf
243. [PROPOFOL](#)
(propofol)
244. [PROSTIN E2®](#)
(dinoprostone)
245. [PROSTIN VR PEDIATRIC®](#)
(alprostadil)
246. [PROTONIX®](#) Oral BCS3 2000-3 00s3
(pantoprazole sodium)
https://ec.europa.eu/health/documents/community-register/2010/2010033072510/anx_72510_en.pdf
247. [PROVERA®](#) Oral BCS2 1959 50s2
(medroxyprogesterone acetate)
<https://extranet.who.int/pqweb/sites/default/files/RH074part6v02.pdf>
248. [PSORCON/FLORONE](#)
diflorasone diacetate
249. [QUELICIN™](#)
(succinylcholine chloride)
250. [R-GENE® 10](#)
(arginine hydrochloride)
251. [RAPAMUNE®](#) Oral BCS2 1999 90s2

- (sirolimus)
- https://www.ema.europa.eu/en/documents/scientific-guideline/sirolimus-coated-tablets-05-1-2-mg-oral-solution-1-mg/ml-product-specific-bioequivalence-guidance_en.pdf
252. [RELPA[®]](#) Oral BCS1 2002-1 00s1
- (eletriptan HBr)
- https://www.accessdata.fda.gov/drugsatfda_docs/label/2011/021016s0181bl.pdf
253. [RETACRIT Injection](#)
- (epoetin alfa-epbx)
254. [REVATIO[®]](#) Oral BCS1 1998 90s1
- (sildenafil)
- https://www.ema.europa.eu/en/documents/assessment-report/sildenafil-teva-epar-public-assessment-report_en.pdf
255. [ROCURONIUM BROMIDE](#)
- (rocuronium bromide)
256. [ROPIVACAINE HYDROCHLORIDE](#)
- (ropivacaine hydrochloride)
257. [RUXIENC[™]](#)
- (rituximab-pvvr)
258. [SEGLUROMET[™] Tablets](#) Oral BCS3 2017-3 10s3
- (ertugliflozin and metformin HCl)
259. [SEPTRA[®]](#) Oral BCS0
- (trimethoprim and sulfamethoxazole)
260. [SILVADENE[®]](#)
- (silver sulfadiazine)
261. [SINEQUAN[®]](#) Oral BCS1 1969 60s1

(doxepin hydrochloride)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022036Orig1s000ClinPharmR.pdf

262. [SKELAXIN®](#) Oral BCS2 1962 60s2

(metaxalone)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2018/013217s057lbl.pdf

263. [SODIUM ACETATE](#)

(sodium acetate)

264. [SODIUM BICARBONATE](#)

(sodium bicarbonate)

265. [SODIUM CHLORIDE](#)

(sodium chloride)

266. [SODIUM LACTATE](#)

(sodium lactate)

267. [SODIUM PHOSPHATES](#)

(monobasic sodium phosphate and dibasic sodium phosphate)

268. [SOLU-CORTEF®](#)

(hydrocortisone sodium succinate)

269. [SOLU-MEDROL®](#)

(methylprednisolone sodium succinate)

270. [SOMAVERT®](#)

(pegvisomant)

271. [SONATA® CIV](#) Oral BCS2 1999 90s2

(zaleplon)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2013/020859s013lbl.pdf

272. [STEGLATRO™](#) Oral BCS1 2017-1 10s1
(ertugliflozin)
https://www.ema.europa.eu/en/documents/assessment-report/steglatro-epar-public-assessment-report_en.pdf
273. [STEGLUJAN™](#) Tablets Oral BCS1 2017-1 10s1
(ertugliflozin and sitagliptin)
https://www.ema.europa.eu/en/documents/assessment-report/steglatro-epar-public-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/scientific-guideline/sitagliptin-film-coated-tablets-25-50-100-mg-product-specific-bioequivalence-guidance_en.pdf
274. [SUFENTANIL CITRATE](#)
(sufentanil citrate)
275. [SUTENT®](#) Oral BCS3 2006-3 00s3
(sunitinib malate)
https://www.ema.europa.eu/en/documents/scientific-guideline/sunitinib-hard-capsules-125-25-375-50-mg-product-specific-bioequivalence-guidance_en.pdf
276. [SYNAREL®](#)
(nafarelin acetate)
277. [SYNERCID® I.V.](#)
(quinupristin / dalfopristin)
278. [TACROLIMUS](#)
(Tacrolimus)
279. [TALZENNA™](#) Oral BCS4 2018-4 10s4
(talazoparib) Capsules
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/211651Orig1s000ChemR.pdf
280. [TAPAZOLE®](#) Oral BCS1 1950 50s1

(methimazole)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/040350s016lbl.pdf

281. [TAZICEF®](#)

(ceftazidime)

282. [TESSALON®](#) Oral BCS0 1958 50s0

(benzonatate)

283. [TESTOSTERONE CYPIONATE](#)

(testosterone cypionate)

284. [THAM](#)

285. [THEOPHYLLINE](#)

(theophylline)

286. [THROMBI-GEL®](#)

(thrombin / gelatin foam hemostat)

287. [THROMBI-PAD®](#)

(3x3 hemostatic pad)

288. [THROMBIN-JMI®](#)

(thrombin, topical, bovine origin)

289. [TICOVAC](#)

(Tick-Borne Encephalitis Vaccine)

290. [TIKOSYN®](#) Oral BCS2 1999 90s

(dofetilide)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/207058Orig1s000lbl.pdf

291. [TOBRAMYCIN](#)

(tobramycin)

292. [TOPOTECAN](#)

- (topotecan)
293. [TORISEL®](#)
(temsirolimus)
294. [TOVIAZ™](#) Oral BCS0 2008-0 00s0
(fesoterodine fumarate)
295. [TPN ELECTROLYTES](#)
(sodium chloride, calcium chloride, potassium chloride, magnesium chloride, and sodium acetate anhydrous)
296. [TRAZIMERA for Injection](#)
(trastuzumab-qyyp)
297. [TRECATOR®](#) Oral BCS2 1968 60s2
(ethionamide)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2006/013026s0241bl.pdf
298. [TRIPHASIL-21® and TRIPHASIL-28® Tablets](#) Oral BCS0
levonorgestrel and ethinyl estradiol - triphasic regimen
299. [TROBICIN™](#)
(spectinomycin)
300. [TRUMENBA™](#)
(Meningococcal Group B Vaccine)
301. [TYGACIL®](#)
(tigecycline)
302. [UNASYN®](#)
(ampicillin sodium/sulbactam sodium)
303. [Vancomycin Hydrochloride](#)
(vancomycin hydrochloride)

304. [VANTIN®](#) Oral BCS0 1998 90s0
(cefpodoxime proxetil)
305. [Vecuronium Bromide](#)
(vecuronium bromide for injection)
306. [VERAPAMIL HYDROCHLORIDE](#)
(verapamil hydrochloride)
307. [VFEND®](#) Oral BCS2 2002-2 00s2
(voriconazole)
https://www.ema.europa.eu/en/documents/scientific-guideline/voriconazole-tablets-50-200-mg-powder-oral-suspension-40-mg/ml-product-specific-bioequivalence-guidance_en.pdf
308. [VIAGRA®](#) Oral BCS1 1998 90s1
(sildenafil citrate)
309. [VIBRAMYCIN®](#) Oral BCS1
(doxycycline calcium, doxycycline hyclate, doxycycline monohydrate)
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/205931Orig1s000ClinPharmR.pdf
310. [VINCRISTINE SULFATE](#)
(vincristine sulfate)
311. [VIRACEPT®](#) Oral BCS4 2003-4 00s4
(nelfinavir mesylate)
https://www.accessdata.fda.gov/drugsatfda_docs/label/2005/021503s006lbl.pdf
312. [VIROPTIC®](#)
(trifluridine)
313. [VISTARIL®](#) Oral BCS1 1956 50s1
(hydroxyzine pamoate)

- https://www.accessdata.fda.gov/drugsatfda_docs/label/2014/088617Orig1s043,088618Orig1s043,088619Orig1s044lbl.pdf
314. [VITAMIN K](#)
(phytonadione)
315. [VIZIMPRO® Tablets](#) Oral BCS2 2018-2 10s2
(dacomitinib)

https://www.ema.europa.eu/en/documents/assessment-report/vizimpro-epar-public-assessment-report_en.pdf
316. [VYNDAQEL® \(tafamidis meglumine\) Capsules and VYNDAMAX™ \(tafamidis\) Capsules](#) Oral BCS0 2019-0 10s0
317. [WATER](#)
(water)
318. [XALATAN®](#)
(latanoprost)
319. [XALKORI®](#) Oral BCS4 2016-4 10s4
(crizotinib)

https://www.ema.europa.eu/en/documents/scientific-guideline/crizotinib-hard-capsules-200-mg-250-mg-product-specific-bioequivalence-guidance_en.pdf
320. [XANAX®](#) Oral BCS2 1981 80s2
(alprazolam)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2011/018276s0451bl.pdf
321. [XELJANZ®](#) Oral BCS3 2012-3 10s3
(tofacitinib)

https://www.ema.europa.eu/en/documents/assessment-report/xeljanz-epar-public-assessment-report_en-0.pdf
322. [XTANDI® \(enzalutamide\) capsules, for o use](#) Oral BCS2 2012-2 10s2

Enzalutamide

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2020/213674Orig1s000ChemR.pdf

323. [XYNTHA®](#)

(antihemophilic factor (recombinant))

324. [ZARONTIN®](#) Oral BCS1 1960 60s1

(ethosuximide)

325. [ZINC](#)

(zinc chloride)

326. [ZINECARD®](#)

(dexrazoxane)

327. [ZIRABEV Injection](#)

(bevacizumab-bvzr)

328. [ZITHROMAX®](#) Oral BCS1 BCS3 1991 90s1

(azithromycin)

329. [ZMAX®](#) Oral BCS0 1991 90s1

(azithromycin extended release)

330. [ZOLEDRONIC ACID](#)

(zoledronic acid)

331. [ZOLOFT®](#) Oral BCS2 1999 90s2

(sertraline HCl)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2011/019839s072s075s076,020990s033s036s037lbl.pdf

332. [ZOSYN®](#)

(piperacillin and tazobactam)

333. [ZYVOX®](#) Oral BCS1 2000-1 00s1

(linezolid)

https://extranet.who.int/pqweb/sites/default/files/documents/BE_linezolid_July2021.pdf

Novartis products:

Novartis products worldwide

https://www.novartis.com/about/products?search_api_fulltext=&sort_by=title&sort_order=DESC&page=9

1. **Adakveo®** crizanlizumab
2. **Afinitor Disperz®/Votubia®** everolimus **oral BCS4 2009-4 00s4**
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-everolimus-tablets-025-05-075-1mg-25-5-10mg-dispersible-tablets-01-025mg-2-3-5mg-product_en.pdf
3. **Afinitor®/Votubia®** everolimus **oral BCS4 2009-4 00s4**
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-everolimus-tablets-025-05-075-1mg-25-5-10mg-dispersible-tablets-01-025mg-2-3-5mg-product_en.pdf
4. **Aimovig®** erenumab
5. **Arzerra®** ofatumumab
6. **Azarga®/Azorga®** brinzolamide, timolol
7. **Beovu®** brolocizumab
8. **Cibacen®** benazepril hydrochloride **oral BCS3 1991 90s3**
https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020033s038lbl.pdf
9. **Ciprodex®** ciprofloxacin, dexamethasone
10. **Comtan®** entacapone **oral BCS4 1999 90s4**
https://www.ema.europa.eu/en/documents/assessment-report/entacapone-teva-epar-public-assessment-report_en.pdf
11. **Cosentyx®** secukinumab
12. **Diovan HCT® /Co-Diovan®** valsartan, hydrochlorothiazide **oral BCS0 1998 90s0**
13. **Diovan®** valsartan **oral BCS0 1996 90s0**
14. **Duotrav™** travoprost, timolol
15. **Durezol®** difluprednate
16. **Egaten®** triclabendazole **oral BCS2 BCS4 2019-4 10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/208711Orig1s000ChemR.pdf
17. **Entresto®** sacubitril, valsartan **oral BCS0 2015-0 10s0**
18. **Eucreas®** vildagliptin, metformin **oral BCS3 2008-3 00s3**
https://www.ema.europa.eu/en/documents/assessment-report/vildagliptin/metformin-hydrochloride-accord-epar-public-assessment-report_en.pdf
19. **Exelon®** rivastigmine **oral BCS1 BCS3 2000-3 00s3**
20. **Exforge HCT®** valsartan, amlodipine besylate, hydrochlorothiazide **oral BCS0 2009-00s0**
21. **Exforge®** valsartan, amlodipine besylate **oral BCS0 2007-0 00s0**

22. Exjade® deferasirox oral BCS2 2005-2 00s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/206910Orig1s000ClinPharmR.pdf
23. Extavia® interferon beta-1b
24. Farydak® panobinostat oral BCS2 2015-2 10s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/205353Orig1s000ClinPharmR.pdf
- 25. Femara®** letrozole **oral BCS2 2001-2 00s2**
https://www.accessdata.fda.gov/drugsatfda_docs/label/2007/020726s014lbl.pdf
- 26. Focalin®**dexmethylphenidate HCl, dexmethylphenidate extended rel **oral BCS1 2005-1 00s1**
https://www.ema.europa.eu/en/documents/referral/methylphenidate-hexal-article-29-referral-assessment-report_en.pdf
- 27. Focalin® XR**dexmethylphenidate HCl, dexmethylphenidate extended release) **oral BCS1 2005-1 00s1**
- 28. Galvus®** vildagliptin **oral BCS1 2007-1 00s1**
https://www.ema.europa.eu/en/documents/assessment-report/vildagliptin/metformin-hydrochloride-accord-epar-public-assessment-report_en.pdf
- 29. Gilenya®** fingolimod **oral BCS2 BCS4 2010-4 10s4**
https://www.ema.europa.eu/en/documents/scientific-guideline/fingolimod-capsules-025-05-mg-product-specific-bioequivalence-guidance_en.pdf
- 30. Gleeevec®/Glivec®** imatinib mesylate **oral BCS0 2001-0 00s0**
https://www.ema.europa.eu/en/documents/scientific-guideline/imatinib-hard-capsules-50-100-mg-film-coated-tablets-100-400-mg-product-specific-bioequivalence_en.pdf
31. Ilaris® canakinumab
- 32. Ilevro®/Nevanac®** nepafenac
- 33. Izba®** travoprost
- 34. Jadenu®** deferasirox **oral BCS2 2005-2 00s2**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/206910Orig1s000ClinPharmR.pdf
- 35. Jakavi®** ruxolitinib **oral BCS1 2011-1 10s1**
https://ec.europa.eu/health/documents/community-register/2012/20120823123254/anx_123254_en.pdf
- 36. Kesimpta®** ofatumumab
- 37. Kisqali®** ribociclib **oral BCS4 2017-4 10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2017/209092Orig1s000ChemR.pdf
- 38. Kymriah®** tisagenlecleucel-T
- 39. Lamisil®** terbinafine (terbinafine hydrochloride)

40. Leqvio®	inclisiran			
41. Lescol®	fluvastatin sodium	oral BCS1	1999	90s1
42. Lescol® XL	fluvastatin sodium			
43. Lucentis®	ranibizumab			
44. Lutathera®	lutetium Lu 177 dotatate			
45. Luxturna®	voretigene neparvovec			
46. Mayzent®	siponimod	oral BCS2	2019-2	10s2
	https://www.ema.europa.eu/en/documents/variation-report/mayzent-h-c-4712-x-07-epar-assessment-report-variation_en.pdf			
47. Mekinist®	trametinib	oral BCS4	2013-4	10s4
	https://www.ema.europa.eu/en/documents/assessment-report/mekinist-epar-public-assessment-report_en.pdf			
48. Myfortic®	mycophenolic acid (as mycophenolate sodium)	oral BCS		
49. Neoral®/Sandimmune®	cyclosporine, USP Modified	oral BCS0		1983
	80s0			
50. NETSPOT®	gallium Ga 68 dotatate injection			
51. Onbrez® Breezhaler®	indacaterol			
52. Pataday™	olopatadine			
53. Patanol®	olopatadine			
54. Pazeo®	olopatadine			
55. Piqray®	alpelisib	oral BCS2	2019-2	10s2
56. Pluvicto™	lutetium Lu 177 vipivotide tetraxetan			
57. Proleukin®	aldesleukin			
58. Promacta®/Revolade®	eltrombopag	oral BCS4	2008-4	00s4
	https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/022291lbl.pdf			
59. Ritalin LA®	methylphenidate HCl modified release	oral BCS1		1955
	50s1			
	https://www.ema.europa.eu/en/documents/referral/methylphenidate-hexal-article-29-referral-assessment-report_en.pdf			
60. Ritalin®	methylphenidate HCl	oral BCS1	1955	50s1
	https://www.ema.europa.eu/en/documents/referral/methylphenidate-hexal-article-29-referral-assessment-report_en.pdf			
61. Rydapt®	midostaurin	oral BCS2	2017-2	10s2
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2017/207997Orig1Orig2s000CrossR.pdf			
62. Sandostatin LAR®	octreotide acetate			
63. Sandostatin® SC	octreotide acetate			
64. Scemblix®	asciminib	oral BCS2 BCS4	2021-4	20s4
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2021/215358Orig1s000,Orig2s000ChemR.pdf			
65. Seebri Breezhaler®	glycopyrronium bromide			
66. Simbrinza®	brinzolamide, brimonidine tartrate			

67. Simulect®	basiliximab			
68. Stalevo® 2003-4 00s4	carbidopa, levodopa, entacapone	oral BCS4		
	https://www.ema.europa.eu/en/documents/assessment-report/entacapone-teva-epar-public-assessment-report_en.pdf			
69. Systane®	polyethylene glycol 400, propylene glycol			
70. Systane® Balance	propylene glycol			
71. Systane® Hydration	polyethylene glycol 400, propylene glycol, hyaluronic acid			
72. Systane® Ultra	polyethylene glycol 400, propylene glycol			
73. Tabrecta®	capmatinib	oral BCS2	2020-2	20s2
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2020/213591Orig1s000MultidisciplineR.pdf			
74. Tafinlar®	dabrafenib	oral BCS2	2013-2	10s2
	https://www.ema.europa.eu/en/documents/assessment-report/tafinlar-epar-public-assessment-report_en.pdf			
75. Tasigna®	nilotinib	oral BCS4	2007-4	00s4
	https://www.ema.europa.eu/en/documents/scientific-discussion/tasigna-epar-scientific-discussion_en.pdf			
76. Tegretol® 10.1016/j.xphs.2021.02.0190022-3549	carbamazepine	oral BCS2	1968	60s2
	https://www.fda.gov/media/108504/download			
77. TOBI®	tobramycin			
78. TOBI® Podhaler™	tobramycin			
79. Tobradex®	tobramycin, dexamethasone			
80. Travatan Z®	travoprost			
81. Travatan®	travoprost			
82. Travatan® BAK-Free	travoprost			
83. Trileptal®	oxcarbazepine	oral BCS2	2000-2	00s2
	https://www.fda.gov/files/drugs/published/Oxcarbazepine-202810-Clinpharm-PREA.pdf			
84. Tyverb®	lapatinib	oral BCS2 BCS4	2007-4	00s4
	https://www.ema.europa.eu/en/documents/scientific-guideline/lapatinib-film-coated-tablet-250-mg-product-specific-bioequivalence-guidance-first-version_en.pdf			
85. Ultibro® Breezhaler®	indacaterol, glycopyrronium bromide			
86. Vioice®	alpelisib	oral BCS2	2022-2	20s2
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/212526Orig1s000MultidisciplineR.pdf			
87. Votrient®	pazopanib	oral BCS2	2009-2	00s2
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2009/022465s000_ChemR.pdf			
88. Xolair®	omalizumab			
89. Zolgensma®	onasemnogene abeparvovec			

90. **Zometa®** zoledronic acid
91. **Zortress®/Certican®** everolimus **oral BCS2 BCS 4** **2009-4** **00s4**
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-everolimus-tablets-025-05-075-1mg-25-5-10mg-dispersible-tablets-01-025mg-2-3-5mg-product_en.pdf
92. **Zykadia®** ceritinib **oral BCS4** **2017-4** **10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/205755orig1s000clinpharmr.pdf

AbbVie products (<https://www.abbvie.com/our-science/products.html>):

Excluding medical aesthetics products and eye care products

1. [HUMIRA®](#)

[\(adalimumab\) injection, for subcutaneous use](#)

[Learn about HUMIRA®](#)

2. [RINVOQ™](#) **oral BCS1** **2019-1** **10s1**

[\(upadacitinib\) extended-release tablets for o use](#)

[Learn about RINVOQ™](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/211675Orig1s000ChemR.pdf

3. [SKYRIZI®](#)

[\(risankizumab-rzaa\) injection, for subcutaneous use](#)

[Learn about SKYRIZI®](#)

Neuroscience
Description

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4. [BOTOX®](#)

[\(onabotulinumtoxinA\) for injection, for intramuscular, intradetrusor, or intradermal use](#)

[Learn about BOTOX®](#)

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5. [CELEXA®](#) **oral BCS0** **1998** **90s0**

[\(citalopram hydrobromide\) tablets](#)

[Learn about CELEXA®](#)

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6. [DEPAKOTE®](#) **oral BCS2** **1983** **80s2**

[\(divalproex sodium\) delayed-release tablets, for o use](#)

[Learn about DEPAKOTE®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2002/020782_s000_Depakote_Chemr.pdf

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7. [DEPAKOTE® ER](#) **oral BCS2** **2000-2** **00s2**

[\(divalproex sodium\) extended-release tablets, for o use](#)

[Learn about DEPAKOTE® ER](#)

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8. [DEPAKOTE® SPRINKLE CAPSULES](#) **oral BCS2** **1989** **80s2**

[\(divalproex sodium\) delayed release capsules, for o use](#)

[Learn about DEPAKOTE® SPRINKLE CAPSULES](#)

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9. [DUOPA](#) **oral BCS1** **1975** **70s1**

[\(carbidopa and levodopa\) enteral suspension](#)

[Learn about DUOPA](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/203312Orig1s000ClinPharmR.pdf
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/203312Orig1s000ClinPharmR.pdf

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10. [FETZIMA®](#) **oral BCS1** **2013-1** **10s1**

[\(levomilnacipran\) extended-release capsules, for o use](#)

[Learn about FETZIMA®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2013/204168orig1s000clinpharmr.pdf

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11. [FIORINAL®](#) **oral BCS1 BCS3** **1976** **70s3**

[\(Butalbital, Aspirin, and Caffeine Capsules, USP\), CIII](#)

[Learn about FIORINAL®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2009/040885Orig1s000.pdf

[10.1002/jps.23212](https://www.accessdata.fda.gov/drugsatfda_docs/nda/2009/040885Orig1s000.pdf)

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12. [FIORINAL® WITH CODEINE](#) **oral BCS1 BCS3** **1990** **90s3**
[\(butalbital, aspirin, caffeine, and codeine phosphate\) capsules, for o use, CIII](#)

[Learn about FIORINAL® WITH CODEINE](#)

[10.1002/jps.23977](https://www.accessdata.fda.gov/drugsatfda_docs/nda/2009/040885Orig1s000.pdf)

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13. [LEXAPRO®](#) **oral BCS0 2002-0 00s0**

[\(escitalopram oxalate\) o solution](#)

[\(escitalopram oxalate\) tablets, for o use](#)

[Learn about LEXAPRO®](#)

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14. [NAMENDA XR®](#) **oral BCS1 2003-1 00s1**

[\(memantine hydrochloride\) extended release capsules, for o use](#)

[Learn about NAMENDA XR®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2005/021627s000_Namenda_ClinPharmR.pdf

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15. [NAMENDA®](#) **oral BCS1 2003-1 00s1**

[\(memantine HCl\) tablets, for o use](#)

[Learn about NAMENDA®](#)

•

16. [NAMZARIC®](#) **oral BCS1 2014-1 10s1**

[\(memantine and donepezil hydrochlorides\) extended-release capsules, for o use](#)

[Learn about NAMZARIC®](#)

https://www.ema.europa.eu/en/documents/assessment-report/balaxur-epar-refusal-public-assessment-report_en.pdf

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17. [QULIPTA™](#) **oral BCS2 BCS4 2021-4 20s4**

[\(atogepant\) tablets, for o use](#)

[Learn about QULIPTA™](#)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2021/215206Orig1s000lbl.pdf

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18. [SAPHRIS®](#)

[\(asenapine\) sublingual tablets](#)

[Learn about SAPHRIS®](#)

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19. [SAVELLA®](#) **oral BCS1 2009-1 00s1**

[\(milnacipran HCl\) tablets](#)

[Learn about SAVELLA®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/022256s022lbl.pdf

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20. [UBRELVY™](#) **oral BCS4 2019-4 10s4**

[\(ubrogepant\) tablets, for o use](#)

[Learn about UBRELVY™](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/211765Orig1s000ChemR.pdf

•

21. [VIIBRYD®](#) **oral BCS0 2011-0 10s0**

[\(vilazodone hydrochloride\) tablets, for o use](#)

[Learn about VIIBRYD®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/022567Orig1s000ClinPharmR.pdf

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22. [VRAYLAR®](#) **oral BCS2** **2015-2** **10s2**

[\(cariprazine\) capsules, for o use](#)

[Learn about VRAYLAR®](#)

https://www.ema.europa.eu/en/documents/assessment-report/reagila-epar-public-assessment-report_en.pdf

Oncology

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23. [VENCLEXTA®](#) **oral BCS4** **2016-4** **10s4**

[\(venetoclax tablets\), for o use](#)

[Learn about VENCLEXTA®](#)

https://www.ema.europa.eu/en/documents/assessment-report/venclxyto-epar-public-assessment-report_en.pdf

Virology

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24. [KALETRA®](#) **oral BCS4** **2000-4** **00s4**

[\(lopinavir/ritonavir\) tablets, for o use and o solution](#)

[Learn about KALETRA®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022417s000_ChemR.pdf

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022417s000_ChemR.pdf

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25. [MAVYRET®](#) **oral BCS4** **2017-4** **10s4**

[\(glecaprevir/pibrentasvir\) tablets, for o use](#)

[Learn about MAVYRET®](#)

https://www.ema.europa.eu/en/documents/assessment-report/maviret-epar-public-assessment-report_en.pdf

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26. [NORVIR®](#) oral BCS4 1996 90s4

[\(ritonavir\) tablets, for o use and o solution and oral powder](#)

[Learn about NORVIR®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022417s000_ChemR.pdf

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27. [VIEKIRA PAK®](#) oral BCS4 2014-4 10s4

[\(ombitasvir, paritaprevir and ritonavir tablets; dasabuvir tablets\), co-packaged for o use](#)

[Learn about VIEKIRA PAK®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022417s000_ChemR.pdf

Other Specialty Areas

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28. [ACTONEL®](#) oral BCS3 1998 90s3

[\(risedronate sodium\) tablets, for o use](#)

[Learn about ACTONEL®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/98/20835_actonel_biopharmr.pdf

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29. [AEROCHAMBER PLUS® FLOW-VU®](#)

[Anti-Static Valved Holding Chamber Small Mask/Medium Mask](#)

[Anti-Static Valved Holding Chamber Mouthpiece/Large Mask](#)

[Learn about AEROCHAMBER PLUS® FLOW-VU®](#)

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30. [ALORA®](#)

(estradiol transdermal system)

Learn about ALORA®

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31. ANDRODERM®

(testosterone transdermal system), for topical use CIII

Learn about ANDRODERM®

•

32. ANDROGEL®

(testosterone gel) 1.62%

Learn about ANDROGEL®

•

33. AQUADEKS®

chewable tablets (aqua-dex') multivitamin and mineral supplement

Learn about AQUADEKS®

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34. ARMOUR® THYROID **oral BCS0**

(thyroid tablets, USP)

Learn about ARMOUR® THYROID

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35. [AELVIA®](#) **oral BCS3 1998** **90s3**

[\(risedronate sodium\) delayed-release tablets](#)

[Learn about AELVIA®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/98/20835_actonel_biopharmr.pdf

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36. [AVAGE®](#)

[\(tazarotene\) cream 0.1%, for topical use](#)

[Learn about AVAGE®](#)

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37. [AVYCAZ®](#)

[\(ceftazidime and avibactam\) for injection, for intravenous use](#)

[Learn about AVYCAZ®](#)

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38. [BYSTOLIC®](#) **oral BCS0** **2007-0** **00s0**

[\(nebivolol\) tablets, for o use](#)

[Learn about BYSTOLIC®](#)

•

39. [CONDYLOX® Gel 0.5%](#)

[\(podofilox gel\)](#)

[Learn about CONDYLOX® Gel 0.5%](#)

•

40. [CREON® oral BCS0](#) 2009-0 00s0

[\(pancrelipase\) Delayed-Release Capsules for o use](#)

[Learn about CREON®](#)

•

41. [CRINONE®](#)

[\(progesterone gel\), for vaginal use](#)

[Learn about CRINONE®](#)

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42. [DALVANCE®](#)

[\(dalbavancin\) for injection, for intravenous use](#)

[Learn about DALVANCE®](#)

•

43. [ENABLEX® oral BCS0](#) 2004-0 00s0

[\(darifenacin\) extended-release tablets](#)

[Learn about ENABLEX®](#)

•

44. [ESTRACE® Cream](#)

[\(estradiol vaginal cream, USP, 0.01%\)](#)

[Learn about ESTRACE® Cream](#)

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45. [ESTROSTEP® FE](#) **oral BCS0** **1973** **70s0**

[\(norethindrone acetate and ethinyl estradiol tablets, USP and ferrous fumarate tablets\)](#)

[Learn about ESTROSTEP® FE](#)

•

46. [FEMHRT®](#) **oral BCS0** **1973** **70s0**

[\(norethindrone acetate/ethinyl estradiol tablets\)](#)

[Learn about FEMHRT®](#)

•

47. [GELNIQUE®](#)

[\(oxybutynin chloride\) 10% gel](#)

[Learn about GELNIQUE®](#)

•

48. [GENERESS® FE](#)

[\(norethindrone and ethinyl estradiol chewable tablets and ferrous fumarate chewable tablets\)](#)

[Learn about GENERESS® FE](#)

•

49. [GENGRAF® Capsules](#) **oral BCS0** **1983** **80s0**

[\(cyclosporine capsules, USP \[modified\]\)](#)

[Learn about GENGRAF® Capsules](#)

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50. [GENGRAF® Solution](#) **oral BCS0** **1983** **80s0**

[\(cyclosporine o solution, USP \[modified\]\)](#)

[Learn about GENGRAF® O Solution](#)

•

51. [INFED®](#)

[\(iron dextran Injection USP\)](#)

[Learn about INFED®](#)

•

52. [K-TAB®](#)

[\(potassium chloride\) extended-release tablets, for o use](#)

[Learn about K-TAB®](#)

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53. [KADIAN®](#) **oral BCS3** **1941** **40s3**

[\(morphine sulfat\) extended-release capsules, for o use, CII](#)

[Learn about KADIAN®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/201517Orig1s000SumR.pdf

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54. [LILETTA®](#)

[\(levonorgestrel-releasing intrauterine system\) SHI](#)

[Learn about LILETTA®](#)

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55. [LO LOESTRIN® FE](#) **oral BCS0** **1968** **60s0**

[\(norethindrone acetate and ethinyl estradiol tablets, ethinyl estradiol tablets and ferrous fumarate tablets\)](#)

[Learn about LO LOESTRIN® FE](#)

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56. [LUPANETA PACK®](#)

[\(leuprolide acetate for depot suspension and norethindrone acetate tablets\), co-packaged for intramuscular use and for o use, respectively](#)

[Learn about LUPANETA PACK®](#)

•

57. [LUPRON DEPOT-PED®](#)

[\(leuprolide acetate for depot suspension\)](#)

[Learn about LUPRON DEPOT-PED®](#)

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58. [LUPRON DEPOT® GYN](#)

[\(leuprolide acetate for depot suspension\)](#)

[Learn about LUPRON DEPOT® GYN](#)

•

59. [LUPRON DEPOT® URO](#)

[\(leuprolide acetate for depot suspension\)](#)

[Learn about LUPRON DEPOT® URO](#)

•

60. [MINASTRIN® 24 Fe](#) **oral BCS0** **1968** **60s0**

[\(norethindrone acetate and ethinyl estradiol tablets and ferrous fumarate tablets\)](#)

[Learn about MINASTRIN® 24 Fe](#)

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61. [MONUROL®](#) **oral BCS1** **1996** **90s1**

[\(fosfomycin tromethamine\) granules for o solution](#)

[Learn about MONUROL®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/96/050717Orig1s000rev.pdf

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62. [NEPHRO-VITE®RX](#)

[\(vitamin B complex and C supplement\)](#)

[Learn about NEPHRO-VITE®RX](#)

•

63. [NIASPAN®](#) **oral BCS1** **1997** **90s1**

[\(niacin extended-release tablets\) for o use](#)

[Learn about NIASPAN®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2008/022078s000_ChemR.pdf

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64. [NIMBEX®](#)

[\(cisatracurium besylate\) injection, for intravenous use](#)

[Learn about NIMBEX®](#)

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65. [NORCO®](#) **oral BCS1** **1982** **80s2**

[\(hydrocodone bitartrate and acetaminophen tablets, USP\) CII](#)

[Learn about NORCO®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/205474Orig1s000ClinPharmR.pdf

https://www.ema.europa.eu/en/documents/scientific-guideline/draft-paracetamol-oral-use-immediate-release-formulations-product-specific-bioequivalence-guidance_en.pdf

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66. [ORIAHNN®](#) **oral BCS0** **2020-0** **20s0**

[\(elagolix, estradiol, and norethindrone acetate capsules; elagolix capsules\) co-packaged for o use](#)

[Learn about ORIAHNN®](#)

•

67. [ORILISSA®](#) **oral BCS3** **2018-3** **10s3**

[\(elagolix\) tablets, for o use](#)

[Learn about ORILISSA®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210450Orig1s000ChemR.pdf

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68. [OXYTROL®](#)

[\(oxybutynin transdermal system\)](#)

[Learn about OXYTROL®](#)

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69. [RAPAFLO®](#) **oral BCS4** **2008-4** **00s4**

[\(silodosin\) capsules, for o use](#)

[Learn about RAPAFLO®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2013/022206s012lbl.pdf

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70. [RECTIV®](#)

[\(nitroglycerin\) ointment 0.4%, for intra-anal use](#)

[Learn about RECTIV®](#)

•

71. [SURVANTA®](#)

[\(beractant\) intratracheal suspension](#)

[Learn about SURVANTA®](#)

•

72. [SYNTHROID®](#) **oral BCS0** **2000-0** **00s0**

[\(levothyroxine sodium\) tablets, for o use](#)

[Learn about SYNTHROID®](#)

https://www.ema.europa.eu/en/documents/scientific-guideline/levothyroxine-tablets-125-mcg-25-mcg-50-mcg-75-mcg-100-mcg-200-mcg-additional-strengths-within-range_en.pdf

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73. [TARKA®](#) **oral BCS1** 1996 90s1

[\(trandolapril/verapamil HCl ER tablets\)](#)

[Learn about TARKA®](#)

https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/018925s010lbl.pdf

https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/020528s020,020591s020lbl.pdf

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74. [TAYTULLA®](#) **oral BCS0** 1968 60s0

[\(norethindrone acetate and ethinyl estradiol capsules and ferrous fumarate capsules\), for o
use](#)

[Learn about TAYTULLA®](#)

•

75. [TEFLARO®](#)

[\(ceftaroline fosamil\) for injection, for intravenous use](#)

[Learn about TEFLARO®](#)

•

76. [THYROLAR® Tablets](#) **oral BCS0**

[\(liotrix tablets, USP\)](#)

[Learn about THYROLAR® Tablets](#)

•

77. TRICOR® **oral BCS2** **1993** **90s2**

(fenofibrate) tablets, for o use

Learn about TRICOR®

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2007/022118s000_ChemR.pdf

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78. TRILIPIX® **oral BCS2** **2008-2** **00s2**

(fenofibric acid) delayed-release capsules

Learn about TRILIPIX®

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2007/022118s000_ChemR.pdf

•

79. ULTANE®

(sevoflurane) volatile liquid for inhalation

Learn about ULTANE®

•

80. VANIQA®

(eflornithine hydrochloride) cream, 13.9%

Learn about VANIQA®

•

81. ZEMPLAR® **oral BCS0** **1998** **90s0**

(paricalcitol) injection

(paricalcitol) capsules, for o use

Gastroenterology
Description

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82. [ACTIGALL®](#) oral BCS2 BCS4 1987 80s4

[\(ursodiol, USP\) capsules](#)

Learn about ACTIGALL®

https://www.ema.europa.eu/en/documents/scientific-guideline/ursodeoxycholic-acid-capsule-250-mg-film-coated-tablet-150-mg-300-mg-450-mg-500-mg-600-mg-suspension/ml-250-mg/5-ml-product-specific-bioequivalence-guidance_en.pdf

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83. [ASACOL® HD](#) oral BCS0 1987 80s0

[\(mesalamine\) delayed-release tablets, for o use](#)

Learn about ASACOL® HD

•

84. [BENTYL®](#)

[\(dicyclomine hydrochloride\) injection, for intramuscular use](#)

Learn about BENTYL®

•

85. [CANASA®](#)

[\(mesalamine\) rectal suppository](#)

Learn about CANASA®

•

86. [CARAFATE®](#) oral BCS0 1981 80s0

[\(sucralfate\) tablets](#)

[\(sucralfate\) suspension](#)

Learn about CARAFATE®

•

87. [DELZICOL®](#) oral BCS4 1987 80s4

[\(mesalamine\) delayed-release capsules, for o use](#)

Learn about DELZICOL®

•

88. [LINZESS®](#) oral BCS3 2012-3 10s3

[\(linaclotide\) capsules, for o use](#)

Learn about LINZESS®

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2012/202811Orig1s000ClinPharmR.pdf

•

89. [PYLERA®](#) oral BCS0 2006-0 00s0

[\(bismuth subcitrate potassium, metronidazole, tetracycline hydrochloride\) capsules, for o use](#)

Learn about PYLERA®

•

90. [URSO 250® and URSO FORTE®](#) oral BCS2 1987 80s2

[\(ursodiol\) tablets, for o use](#)

Learn about URSO 250® and URSO FORTE®

91. VIBERZI® oral BCS3 2015-3 10s3

(eluxadoline) tablets, for oral use, CIV

Learn about VIBERZI®

https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/206940Orig1s000ClinPharmR.pdf

GlaxoSmithKline products:

GlaxoSmithKline products available worldwide

<https://www.gsk.com/en-gb/products/products-a-z/>

ANALYSIS EXCLUDES GSK PRODUCTS THAT ARE VACCINES!

Ambirix hepatitis A (inactivated) and hepatitis B (rDNA) (HAB) vaccine (adsorbed)
Vaccines

1. Amoxil	amoxicillin	General medicines
Oral BCS1	10.1016/j.xphs.2017.04.068	1974 70s1
2. Anoro Ellipta	umeclidinium and vilanterol	General medicines
3. Apretude	cabotegravir	Specialty medicines
4. Arnuity Ellipta	Fluticasone	General medicines
5. Augmentin	amoxicillin/clavulanate potassium	General medicines
Oral BCS0	1984 80s0	
6. Avamys / Veramyst	fluticasone furoate	General medicines
7. Avodart/Avolve / Duodart	dutasteride	General medicines
Oral BCS4	2001-4 00s4	
https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/021319s015lbl.pdf		
8. Bactroban	mupirocin	General medicines
9. Beconase	beclomethasone	General medicines
10. Becotide/Becloforte	beclomethasone dipropionate	General medicines
11. Benlysta	belimumab	Specialty medicines
12. Betnovate	betamethasone valerate	General medicines
Bexsero	meningitis B	Vaccines
13. Blenrep	belantamab mafodotin	Specialty medicines
Boostrix adsorbed	tetanus toxoid, reduced diphtheria toxoid and acellular pertussis vaccine, Vaccines	
Boostrix IPV (inactivated) vaccine	Diphtheria, tetanus, pertussis (acellular, component) and poliomyelitis (adsorbed, reduced antigen(s) content)	Vaccines
14. Cabenuva	cabotegravir/rilpivirine	Specialty medicines

15. Cabenuva/Vocabria + Rekambys medicines	Cabotegravir, rilpivirine	Specialty
Cervarix adsorbed	human Papillomavirus vaccine (types 16, 18) - recombinant, adjuvanted, Vaccines	
16. Combivir	lamivudine/ zidovudine	Specialty medicines
Oral BCS3	1997 90s3	
	https://www.ema.europa.eu/en/documents/assessment-report/lamivudine/zidovudine-teva-epar-public-assessment-report_en.pdf	
17. Cutivate	fluticasone propionate	General medicines
18. Dermovate	clobetasol propionate	General medicines
19. Dovato	dolutegravir/lamivudine	Specialty medicines
Oral BCS2	2019-2 10s2	
	https://www.ema.europa.eu/en/documents/scientific-guideline/draft-dolutegravir-film-coated-tablets-10-mg-25-mg-50-mg-product-specific-bioequivalence-guidance_en.pdf	
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/211994Orig1s000ChemR.pdf	
20. Duac	clindamycin phosphate and benzoyl peroxide	General medicines
21. Eltroxin	Levothyroxin sodium	General medicines
Oral BCS0		
	https://www.ema.europa.eu/en/documents/scientific-guideline/levothyroxine-tablets-125-mcg-25-mcg-50-mcg-75-mcg-100-mcg-200-mcg-additional-strengths-within-range_en.pdf	
Engerixhepatitis B Vaccine (Recombinant)		Vaccines
22. Epivir	lamivudine	Specialty medicines
Oral BCS3	1995 90s3	
23. Epzicom/ Kivexa	abacavir/ lamivudine	Specialty medicines
Oral BCS3	2004-3 00s3	
	https://extranet.who.int/pqweb/sites/default/files/HA662Part6v02.pdf	
24. Eumovate	clobetasone butyrate	General medicines
Fendrixhepatitis B (rDNA) vaccine (adjuvanted, adsorbed)		Vaccines
25. Flixonase/Flonase	fluticasone propionate	General medicines
26. Flixotide / Flovent - Diskus / MDI	fluticasone propionate	General medicines
27. Flolan	epoprostenol	General medicines
Fluarix QIV	seasonal influenza vaccine (4 strain)	Vaccines
Flulaval QIV	seasonal influenza vaccine (4 strain)	Vaccines
28. Fortum	ceftazidime	General medicines
Havrix	hepatitis A vaccine, inactivated	Vaccines
29. Hepsera	Adefovir	General medicines
Oral BCS3	2002-3 00s3	
	https://www.accessdata.fda.gov/drugsatfda_docs/pediatric/021449S011_Adefovir_Clin_pharm_Review_BPCA.pdf	
Hiberix haemophilus B conjugate vaccine (tetanus toxoid conjugate)		Vaccines
30. Imigran/ImiTrex FDT	sumatriptan succinate	General medicines
Oral BCS3	1992 90s3	
	https://www.ema.europa.eu/en/documents/assessment-report/sumatriptan-galpharm-epar-public-assessment-report_en.pdf	
31. Imuran	Azathioprine	General medicines

	Oral BCS4	1968	60s4	
	https://www.ema.europa.eu/en/documents/assessment-report/jayempi-h-c-005055-0000-epar-assessment-report_en.pdf			
32.	Incruse	umeclidinium		General medicines
	Infanrix diphtheria and tetanus toxoids and acellular pertussis vaccine adsorbed Vaccines			
	Infanrix IPV diphtheria, tetanus, pertussis (acellular, component) and poliomyelitis (inactivated) vaccine (adsorbed) Vaccines			
33.	Jemperli	dostarlimab		Specialty medicines
34.	Juluca	dolutegravir/rilpivirine		Specialty medicines
	Oral BCS2 BCS4	2017-4	10s4	
	https://www.ema.europa.eu/en/documents/scientific-guideline/rilpivirine-film-coated-tablets-25-mg-product-specific-bioequivalence-guidance-first-version_en.pdf			
	https://www.ema.europa.eu/en/documents/scientific-guideline/draft-dolutegravir-film-coated-tablets-10-mg-25-mg-50-mg-product-specific-bioequivalence-guidance_en.pdf			
35.	Keppra	Levetiracetam		General medicines
	Oral BCS1	1999	90s1	
	https://www.fda.gov/media/89867/download			
	Kinrix diphtheria and tetanus toxoids and acellular pertussis adsorbed and inactivated poliovirus vaccine Vaccines			
36.	Lacipil	Lacidipine		General medicines
	Oral BCS0			
37.	Lacticare - Family	Lactic Acid		General medicines
38.	Lamictal	lamotrigine		General medicines
	Oral BCS2	1994	90s2	
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2009/022251s000_ChemR.pdf			
39.	Lanoxin	Digoxin		General medicines
	Oral BCS4	1954	50s4	
	10.1021/acs.molpharmaceut.5b00278			
40.	Levoxacin	Levofloxacin		General medicines
	Oral BCS1	1996	90s1	
	https://extranet.who.int/pqweb/sites/default/files/documents/BE_levofloxacin_July2021.pdf			
41.	Lexiva/ Telzir	fosamprenavir		Specialty medicines
	Oral BCS0	2003-0	00s0	
42.	Lovaza	omega-3 acid ethyl esters		General medicines
	Oral BCS0	2004-0	00s0	
43.	Malarone	atovaquone and proguanil hydrochloride		General medicines
	Oral BCS2 BCS4	2000-4	00s4	
	https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/020500s010lbl.pdf			
	Menitorix combined Haemophilus influenzae type b and Neisseria meningitidis group C (Hib-MenC) conjugate vaccines Vaccines			
	Menjugate meningitis C Vaccines			
	Menveo meningitis ACWY Vaccines			
44.	Mepron	atovaquone		General medicines
	Oral BCS2 BCS4	1992	90s4	
	https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/020500s010lbl.pdf			

45. Naramig/Amerge naratriptan hydrochloride General medicines
Oral BCS1 **1998** **90s1**
https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/020763s008s009lb.pdf
46. Nucala mepolizumab Specialty medicines
47. Paxil / Seroxat paroxetine hydrochloride General medicines
Oral BCS1 **1991** **90s1**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2013/204516Orig1s000ClinPharmR.pdf
- Pediarix diphtheria and tetanus toxoids and acellular pertussis adsorbed, hepatitis B (recombinant) and inactivated poliovirus vaccine combined Vaccines
- Priorix measles, mumps and rubella vaccine (live attenuated virus) Vaccines
- Priorix-Tetra measles, mumps, rubella, varicella (chicken pox) Vaccines
48. Relenza zanamivir General medicines
49. Relvar/Breo Fluticasone furoate/vilanterol General medicines
50. Requip ropinirole hydrochloride General medicines
Oral BCS1 **1997** **90s1**
https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/020658s018s020s021lbl.pdf
51. Retrovir zidovudine Specialty medicines
Oral BCS3 **1987** **80s3**
https://www.ema.europa.eu/en/documents/assessment-report/lamivudine/zidovudine-teva-epar-public-assessment-report_en.pdf
- Rotarix human rotavirus vaccine, live attenuated Vaccines
52. Rukobia fostemsavir Specialty medicines
Oral BCS0 **2020-0** **20s0**
53. Rythmol propafenone hydrochloride General medicines
Oral BCS0
54. Selzentry/ Celsentri maraviroc Specialty medicines
Oral BCS3 **2007-3** **00s3**
https://www.ema.europa.eu/en/documents/variation-report/celsentri-h-c-000811-x-0046-g-epar-assessment-report-variation_en.pdf
55. Septrin Cotrimoxazole General medicines
Oral BCS0
56. Seretide / Advair - Diskus / MDI salmeterol xinafoate, fluticasone propionate General medicines
57. Serevent - Diskus / MDI salmeterol xinafoate General medicines
- Shingrix Zoster Vaccine Recombinant, Adjuvanted Vaccines
- Synflorix pneumococcal polysaccharide conjugate vaccine (adsorbed) Vaccines
58. Tivicay dolutegravir Specialty medicines
Oral BCS2 BCS4 **2013-4** **10s4**
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-dolutegravir-film-coated-tablets-10-mg-25-mg-50-mg-product-specific-bioequivalence-guidance_en.pdf
59. Toctino Alitretinoin General medicines
Oral BCS0 **1999** **90s0**

60.	Trelegy - Ellipta	fluticasone furoate, umeclidinium, and vilanterol inhalation powder	General medicines
61.	Triumeq	dolutegravir/ abacavir/ lamivudine	Specialty medicines
	Oral BCS2 BCS4	2014-4	10s4
		https://www.ema.europa.eu/en/documents/scientific-guideline/draft-dolutegravir-film-coated-tablets-10-mg-25-mg-50-mg-product-specific-bioequivalence-guidance_en.pdf	
62.	Trizivir	abacavir/ lamivudine/ zidovudine	Specialty medicines
	Oral BCS3	2000-3	00s3
		https://extranet.who.int/pqweb/sites/default/files/HA662Part6v02.pdf	
		https://www.ema.europa.eu/en/documents/assessment-report/lamivudine/zidovudine-teva-epar-public-assessment-report_en.pdf	
	Twinrix	combined hepatitis A (inactivated virus) and hepatitis B vaccine (genetically derived surface antigen)	Vaccines
63.	Valtrex	valaciclovir hydrochloride	General medicines
	Oral BCS3	1995	90s3
		https://www.fda.gov/media/71296/download	
	Varilrix	varicella (chicken pox)	Vaccines
64.	Ventolin - Diskus / MDI	Salbutamol	General medicines
65.	Viracept	nelfinavir	Specialty medicines
	Oral BCS0	1997	90s0
66.	Vocabria	cabotegravir	Specialty medicines
	Oral BCS2	2021-2	20s2
		https://www.ema.europa.eu/en/documents/assessment-report/vocabria-epar-public-assessment-report_en.pdf	
67.	Volibris (Ambrisentan)	ambrisentan	General medicines
	Oral BCS2	2007-2	00s2
		https://www.ema.europa.eu/en/documents/assessment-report/ambrisentan-mylan-epar-public-assessment-report_en.pdf	
68.	Wellbutrin	bupropion hydrochloride	General medicines
	Oral BCS1	1985	80s1
		https://www.accessdata.fda.gov/drugsatfda_docs/nda/2013/020358Orig1s053.pdf	
69.	Xevudy	sotrovimab	Specialty medicines
70.	Xyzal	Levocetirizine	General medicines
	Oral BCS3	1995	90s3
		https://www.ema.europa.eu/en/documents/referral/gvk-biosciences-article-31-referral-gvk-biosciences-final-assessment-report-following-re-examination_en.pdf	
71.	Zagallo	Dutasteride	General medicines
	Oral BCS4	2001-4	00s4
		https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/021319s015lbl.pdf	
72.	Zeffix	lamivudine	General medicines
	Oral BCS3	1995	90s3
		https://www.ema.europa.eu/en/documents/assessment-report/lamivudine/zidovudine-teva-epar-public-assessment-report_en.pdf	
73.	Zejula	niraparib	Specialty medicines
	Oral BCS2	2017-2	10s2

https://www.ema.europa.eu/en/documents/assessment-report/zejula-epar-public-assessment-report_en.pdf

74. Zentel	Albendazole			General medicines
	Oral BCS2 BCS4	1996	90s4	
				https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020666s005s006lbl.pdf
75. Ziagen	abacavir			Specialty medicines
	Oral BCS3	1998	90s3	
				https://extranet.who.int/pqweb/sites/default/files/HA662Part6v02.pdf
76. Zinacef	cefuroxime			General medicines
	Oral BCS0	1983	80s0	
77. Zovirax	aciclovir			General medicines
78. Zyban	bupropion hydrochloride			General medicines
	Oral BCS1	1985	80s1	
				https://www.accessdata.fda.gov/drugsatfda_docs/nda/2013/020358Orig1s053.pdf
79. Zyloric	Allopurinol			General medicines
	Oral BCS4	1966	60s4	
				https://www.ema.europa.eu/en/documents/assessment-report/duzallo-epar-public-assessment-report_en.pdf
80. Zyrtec	cetirizine			General medicines
	Oral BCS3	1995	90s3	
				https://www.ema.europa.eu/en/documents/referral/gvk-biosciences-article-31-referral-gvk-biosciences-final-assessment-report-following-re-examination_en.pdf

Johnson & Johnson (Janssen) products:

Janssen products (US market)

<https://www.janssen.com/us/our-products>

1. BALVERSA™ erdafitinib **oral BCS1 2019-1 20s1**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/212018Orig1s000ChemR.pdf
2. CARVYKTI™ ciltacabtagene autoleucel; cilta-cel
3. CONCERTA® methylphenidate HCl **oral BCS1 1955 50s1**
https://www.ema.europa.eu/en/documents/referral/methylphenidate-hexal-article-29-referral-assessment-report_en.pdf
4. DARZALEX FASPRO™ daratumumab and hyaluronidase-fihj
5. DARZALEX® daratumumab
6. DITROPAN XL® oxybutynin chloride **oral BCS0 1975 70s0**
7. EDURANT® rilpivirine **oral BCS2 BCS4 2011-4 10s4**
8. ELMIRON® pentosan polysulfate sodium **oral BCS3 1996 90s3**
https://www.ema.europa.eu/en/documents/assessment-report/elmiron-epar-public-assessment-report_en.pdf

9. ERLEADA™ apalutamide 60mg tablets **oral BCS2 2018-2 10s2**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210951Orig1s000ChemR.pdf
10. HALDOL® haloperidol
11. HALDOL® Decanoate
(haloperidol decanoate)
12. IMBRUVICA® ibrutinib **oral BCS2 2013-2 10s2**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210563Orig1s000_210563Orig2s000ChemR.pdf
13. INFLIXIMAB
14. INTELENCE® etravirine **oral BCS4 2008-4 00s4**
https://www.ema.europa.eu/en/documents/assessment-report/intelence-epar-public-assessment-report_en.pdf
15. INVEGA HAFYERA™ paliperidone palmitate
16. INVEGA SUSTENNA® paliperidone palmitate
17. INVEGA TRINZA® paliperidone palmitate
18. INVEGA® paliperidone **oral BCS4 2006-4 00s4**
https://www.accessdata.fda.gov/drugsatfda_docs/label/2010/021999s018lbl.pdf
19. INVOKAMET® XR canagliflozin and metformin HCl extended-release **oral BCS4 2014-4 10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/204353Orig1s000ClinPharmR.pdf
20. INVOKAMET® canagliflozin and metformin HCl **oral BCS4 2014-4 10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/204353Orig1s000ClinPharmR.pdf
21. INVOKANA® canagliflozin **oral BCS4 2013-4 10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/204353Orig1s000ClinPharmR.pdf
22. OPSUMIT® macitentan **oral BCS2 2013-2 10s2**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2013/204410Orig1s000ClinPharmR.pdf
23. PONVORY™ Ponesimod **oral BCS4 2021-4 20s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2021/213498Orig1s000ChemR.pdf
24. PREZCOBIX® darunavir 800 mg/ cobicistat 150 mg **oral BCS2 2015-2 10s2**
https://www.ema.europa.eu/en/documents/assessment-report/darunavir-krka-epar-public-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-elvitegravir/cobicistat/emtricitabine/tenofovir-disoproxil-film-coated-tablets-150-mg/150-mg/200-mg/245-mg-product-specific-bioequivalence-guidance_en.pdf

25. PREZISTA® darunavir **oral BCS2**
 2006-2 00s2
https://www.ema.europa.eu/en/documents/assessment-report/darunavir-krka-epar-public-assessment-report_en.pdf
26. PROCREDIT® Epoetin alfa
27. RAZADYNE® ER galantamine HBrq **oral BCS0**
 2001-0 00s0
28. REMICADE® infliximab
29. RISPERDAL CONSTA® risperidone
30. RISPERDAL® Oral Solution risperidone **oral BCS2**
 1993 90s2
31. RISPERDAL® Tablets risperidone **oral BCS2**
 1993 90s2
https://www.accessdata.fda.gov/drugsatfda_docs/label/2005/020272s042,020588s030,021444s016,021346s010lbl.pdf
32. RYBREVA™ amivantamab-vmjw)
33. SIMPONI ARIA®
34. SIMPONI® golimumab
35. SIRTURO® Tablets bedaquiline **oral BCS2**
 2012-2 10s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2012/204384Orig1s000ClinPharmR.pdf
36. SPORANOX® Capsules itraconazole **oral BCS2**
 1992 90s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022484Orig1s000ClinPharmR.pdf
37. SPORANOX® Oral Solution itraconazole **oral BCS2**
 1992 90s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2010/022484Orig1s000ClinPharmR.pdf
38. SPRAVATO® esketamine nasal spray, CIII
39. STELARA® ustekinumab
40. SYMTUZA® (darunavir/cobicistat/emtricitabine/tenofovir alafenamide tablets 800mg/150mg/200mg/10mg) **oral BCS2**
 2018-2 10s2
41. TECVAYLI™ teclistamab-cqyv
42. TOPAMAX® topiramate **oral BCS1**
 1996 90s1
43. TRACLEER® bosentan **oral BCS2**
 2001-2 00s2
https://www.ema.europa.eu/en/documents/variation-report/tracleer-h-c-401-x-0039-epar-assessment-report-extension_en.pdf

44. TREMFYA® guselkumab
45. ULTRACET® tramadol hydrochloride/acetaminophen **oral BCS1 BCS3**
2001-3 00s3
https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020281s032s033lbl.pdf
46. ULTRAM® tramadol hydrochloride **oral BCS1 BCS3**
1995 90s3
https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020281s032s033lbl.pdf
47. UPTRAVI® selexipag **oral BCS2 BCS4**
2015-5 10s4
https://www.ema.europa.eu/en/documents/assessment-report/uptravi-epar-public-assessment-report_en.pdf
48. VELETRI® epoprostenol
49. VENTAVIS® iloprost)
50. VERMOX™ CHEWABLE mebendazole chewable tablets **oral BCS0**
1974 70s0
51. XARELTO® rivaroxaban tablets **oral BCS2**
2011-2 10s2
https://www.ema.europa.eu/en/documents/variation-report/xarelto-h-c-944-x-0010-epar-assessment-report-extension_en.pdf
52. YONDELIS® trabectedin
53. ZAVESCA® miglustat **oral BCS0**
2003-0 00s0
https://www.ema.europa.eu/en/documents/scientific-guideline/miglustat-hard-capsules-100-mg-product-specific-bioequivalence-guidance_en.pdf
54. ZYTIGA® abiraterone acetate **oral BCS2 BCS4**
2011-4 10s4
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-abiraterone-tablets-250-mg-500-mg-product-specific-bioequivalence-guidance-revision-1_en.pdf

Sanofi products:

Products on the US market

<https://www.sanofi.us/en/products-and-resources/prescription-products>

1. Adlyxin® (lixisenatide injection)
2. ADMELOG® (insulin lispro injection) 100 Units/mL
3. Aldurazyme® (laronidase)
4. Alprolix® [Coagulation Factor IX (Recombinant), Fc Fusion Protein]
5. Amaryl® (glimepiride tablets) **oral BCS2 BCS4** 1995 90s4
https://www.ema.europa.eu/en/documents/referral/glimepirida-parke-davis-article-294-referral-assessment-report_en.pdf
6. Ambien® (zolpidem tartrate) tablets **oral BCS1** 1992 90s1

<https://doi.org/10.1021/acs.molpharmaceut.5b00076>

- | | | |
|--|---|------|
| 7. Ambien CR® (zolpidem tartrate) extended-release tablets | oral BCS1 2005-1 | 00s1 |
| 8. Apidra® (insulin glulisine injection) 100 Units/mL | | |
| 9. Arava® Tablets (leflunomide) | oral BCS2 1998 | 90s2 |
| 10. AUBAGIO® (teriflunomide) | oral BCS2 2012-2 | 10s2 |
| | https://www.ema.europa.eu/en/documents/assessment-report/aubagio-epar-public-assessment-report_en.pdf | |
| 11. Avalide® (irbesartan-hydrochlorothiazide) | oral BCS2 BCS4 1997 | 90s4 |
| | https://www.accessdata.fda.gov/drugsatfda_docs/label/2011/020757s0551bl.pdf | |
| 12. Avapro® (irbesartan) | oral BCS2 BCS4 1997 | 90s4 |
| 13. Cablivi® (caplacizumab-yhdp) | | |
| 14. Caprelsa® (vandetanib) Tablets | oral BCS2 2011-2 | 10s2 |
| | https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/022405Orig1s000ChemR.pdf | |
| 15. Cerdelga® (eliglustat) capsules | oral BCS3 2014-3 | 10s3 |
| | https://www.ema.europa.eu/en/documents/assessment-report/cerdelga-epar-public-assessment-report_en.pdf | |
| 16. Cerezyme® (imiglucerase) for injection | | |
| 17. Clolar® (clofarabine injection) | | |
| 18. Dupixent® (dupilumab) Injection | | |
| 19. Elitek® (rasburicase) | | |
| 20. Elocate® [Antihemophilic Factor (Recombinant), Fc Fusion Protein] | | |
| 21. Eloxatin® (oxaliplatin injection) | | |
| 22. ENJAYMO™ (sutimlimab-jome) injection, for intravenous use | | |
| 23. Fabrazyme® (agalsidase beta) | | |
| 24. Ferrlecit® (sodium ferric gluconate complex in sucrose injection) | | |
| 25. Flomax® (tamsulosin HCl) | oral BCS0 1997 | 90s0 |
| 26. Hectorol® (doxercalciferol) | | |
| 27. Insulin Glargine injection 100 Units/mL (U-100) | | |
| 28. Jevtana® (cabazitaxel) Injection | | |
| 29. Kevzara® (sarilumab) Injection | | |
| 30. Lantus® (insulin glargine injection) 100 Units/mL | | |
| 31. LEMTRADA® (alemtuzumab) | | |
| 32. Lovenox® (enoxaparin sodium injection) | | |
| 33. Lumizyme® (alglucosidase alfa) | | |
| 34. Mozobil® (plerixafor) injection | | |
| 35. Multaq® (dronedarone) | oral BCS2 BCS4 2009-4 | 00s4 |
| | https://www.ema.europa.eu/en/documents/scientific-guideline/draft-dronedarone-film-coated-tablets-400-mg-product-specific-bioequivalence-guidance-first-version_en.pdf | |
| 36. Nexviazyme™ (avalglucosidase alfa-ngpt) | | |
| 37. Plavix® (clopidogrel bisulfate) | oral BCS2 BCS4 1997 | 90s4 |
| | https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020839s0441bl.pdf | |
| 38. Prifitin® (rifapentine) Tablets | oral BCS2 1998-2 | 90s2 |
| | https://www.usp-pqm.org/sites/default/files/pqms/article/rifapentine-pir-jul2018.pdf | |
| 39. Primaquine® (Primaquine Phosphate Tablets) | oral BCS0 1952 | 50s0 |
| 40. Renagel® Tablets (sevelamer hydrochloride) 800mg Tablets | oral BCS0 2000 | 00s0 |
| 41. Renvela® (sevelamer carbonate) | oral BCS0 2000-0 | 00s0 |
| 42. Rezurock® (belumosudil) tablets | oral BCS4 | |
| 43. Rifadin® IV (rifampin for injection, USP) | | |
| 44. Sarclisa® (isatuximab-irfc) | | |
| 45. Soliqua® 100/33 (insulin glargine and lixisenatide) injection 100 Units/mL and 33 mcg/mL | | |
| 46. Synvisc-One® (hylan G-F 20) | | |
| 47. Synvisc® (hylan G-F 20) | | |
| 48. Taxotere® (docetaxel) Injection | | |
| 49. Thymoglobulin® [Anti-thymocyte Globulin (Rabbit)] | | |
| 50. Thyrogen® (thyrotropin alfa) | | |

51. Toujeo® (insulin glargine injection) 300 Units/mL
52. Xenpozyme™ (olipudase alfa-rpep)
53. Zaltrap® (ziv-aflibercept) Injection for Intravenous Infusion

Merck products:

<https://www.merck.com/products/>

products intended for use in the US only, excluding vaccines

1. ANTIVENIN™ (LATRODECTUS MACTANS)
- BCG Vaccine (For Percutaneous Use)
2. BELSOMRA® (suvorexant) tablets, for o use, C-IV
Oral BCS2 2014-2 10s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/204569Orig1s000ClinPharmR.pdf
3. BRIDION® (sugammadex) Injection, for intravenous use
4. CANCIDAS® (caspofungin acetate) for Injection, for intravenous use
5. CRIXIVAN® (INDINAVIR SULFATE) CAPSULES
Oral BCS0 1996 90s0
6. CUBICIN® (daptomycin for injection) for Intravenous Use
7. CUBICIN® RF (daptomycin for injection), for intravenous use
8. DELSTRIGO™ (doravirine, lamivudine, and tenofovir disoproxil fumarate) tablets, for o use
Oral BCS0 2018-0 10s0
9. DIFICID® (fidaxomicin) for O Suspension
Oral BCS4 2011-4 10s4
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/201699Orig1s000ClinPharmR.pdf
10. DIFICID® (fidaxomicin) tablets, for o use
Oral BCS4 2011-4 10s4
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/201699Orig1s000ClinPharmR.pdf
11. EMEND® (aprepitant) capsules (aprepitant) for ol suspension
Oral BCS2 BCS4 2003-4 00s4
https://www.ema.europa.eu/en/documents/scientific-discussion/emend-epar-scientific-discussion_en.pdf
12. EMEND® (fosaprepitant) for injection, for intravenous use
13. ENTEREG® (alvimopan) capsules, for o use
Oral BCS2 BCS4 2008-4 00s4
https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/021775lbl.pdf
- ERVEBO® (Ebola Zaire Vaccine, Live) Suspension for intramuscular injection
14. FOLLISTIM® AQ Cartridge (follitropin beta injection) for subcutaneous use
- GARDASIL® [Human Papillomavirus Quadrivalent (Types 6, 11, 16 and 18) Vaccine, Recombinant]
- GARDASIL®9 (Human Papillomavirus 9-valent Vaccine, Recombinant) Suspension for intramuscular injection
15. INTRON® A (interferon alfa-2b, recombinant For Injection)
16. INVANZ® (ertapenem for injection) for intravenous (IV) or intramuscular (IM) use
17. ISENTRESS® (raltegravir) chewable tablets, for o use
Oral BCS2 2007-2 00s2

https://www.ema.europa.eu/en/documents/scientific-discussion/isentress-epar-scientific-discussion_en.pdf

18. ISENTRESS® (raltegravir) film-coated tablets, for o use
Oral BCS2 **2007-2** **00s2**
https://www.ema.europa.eu/en/documents/scientific-discussion/isentress-epar-scientific-discussion_en.pdf
 19. ISENTRESS® (raltegravir) for o suspension
Oral BCS2 **2007-2** **00s2**
https://www.ema.europa.eu/en/documents/scientific-discussion/isentress-epar-scientific-discussion_en.pdf
 20. ISENTRESS® HD (raltegravir) film-coated tablets, for o use
Oral BCS2 **2007-2** **00s2**
https://www.ema.europa.eu/en/documents/scientific-discussion/isentress-epar-scientific-discussion_en.pdf
 21. JANUMET® (sitagliptin and metformin hydrochloride) tablets, for o use
Oral BCS3 **2007-3** **00s3**
doi.org/10.1016/j.xphs.2021.01.011
https://www.ema.europa.eu/en/documents/scientific-guideline/sitagliptin-film-coated-tablets-25-50-100-mg-product-specific-bioequivalence-guidance_en.pdf
 22. JANUMET® XR (sitagliptin and metformin hydrochloride extended-release) tablets, for o use
Oral BCS3 **2012-3** **10s3**
doi.org/10.1016/j.xphs.2021.01.011
https://www.ema.europa.eu/en/documents/scientific-guideline/sitagliptin-film-coated-tablets-25-50-100-mg-product-specific-bioequivalence-guidance_en.pdf
 23. JANUVIA® (sitagliptin) tablets, for o use
Oral BCS1 **2006-1** **00s1**
https://www.ema.europa.eu/en/documents/scientific-guideline/sitagliptin-film-coated-tablets-25-50-100-mg-product-specific-bioequivalence-guidance_en.pdf
 24. KEYTRUDA® (pembrolizumab) injection, for intravenous use
M-M-R® II [MEASLES, MUMPS, and RUBELLA VIRUS VACCINE LIVE]
 25. NOXAFIL® (posaconazole) injection, for intravenous use, delayed-release tablets, for o use, and o suspension
Oral BCS2 **2006-2** **00s2**
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-posaconazole-product-specific-bioequivalence-guidance_en.pdf
- Liquid Pedvax HIB® [Haemophilus b Conjugate Vaccine (Meningococcal Protein Conjugate)]**
26. PIFELTRO™ (doravirine) tablets, for o use
Oral BCS2 **2018-2** **10s2**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2018/210806Orig1s000,%20210807Orig1s000ChemR.pdf
- PNEUMOVAX® 23 [pneumococcal vaccine polyvalent] Sterile, Liquid Vaccine for Intramuscular or Subcutaneous Injection**
27. Pregnyl® (chorionic gonadotropin for injection, USP)
 28. PREVYMIS™ (letermovir) injection, for intravenous use
 29. PREVYMIS™ (letermovir) tablets, for o use
Oral BCS2 **2017-2** **10s2**

https://www.ema.europa.eu/en/documents/assessment-report/prevymis-epar-public-assessment-report_en.pdf

30. PRIMAXIN® I.V. (imipenem and cilastatin) for Injection, for intravenous use
ProQuad® [Measles, Mumps, Rubella and Varicella Virus Vaccine Live] Lyophilized preparation for subcutaneous injection
31. PROVENTIL® HFA (albuterol sulfate) Inhalation Aerosol
32. RECARBRIO™ (imipenem, cilastatin, and relebactam) for injection, for intravenous use
RECOMBIVAX HB® [HEPATITIS B VACCINE (RECOMBINANT)]
RotaTeq® [Rotavirus Vaccine, Live, O, Pentavalent] O Solution
33. SEGLUROMET™ (ertugliflozin and metformin) tablets, for o use
Oral BCS3 **2017-3** **10s3**
https://www.ema.europa.eu/en/documents/assessment-report/steglatro-epar-public-assessment-report_en.pdf
doi.org/10.1016/j.xphs.2021.01.011
34. SIVEXTRO® (tedizolid phosphate) for injection, for intravenous use
35. SIVEXTRO® (tedizolid phosphate) tablet, for o use
Oral BCS0 **2014-0** **10s0**
36. STEGLATRO™ (ertugliflozin) tablets, for o use
Oral BCS1 **2017-1** **10s1**
https://www.ema.europa.eu/en/documents/assessment-report/steglatro-epar-public-assessment-report_en.pdf
37. STEGLUJAN™ (ertugliflozin and sitagliptin) tablets, for o use
Oral BCS1 **2017-1** **10s1**
https://www.ema.europa.eu/en/documents/assessment-report/steglatro-epar-public-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/scientific-guideline/sitagliptin-film-coated-tablets-25-50-100-mg-product-specific-bioequivalence-guidance_en.pdf
38. STROMECTOL® (IVERMECTIN) TABLETS
Oral BCS2 BCS4 **1996** **90s4**
https://www.accessdata.fda.gov/drugsatfda_docs/label/2008/050742s0221bl.pdf
https://extranet.who.int/pqweb/sites/default/files/documents/21%20BE%20ivermectin_Apr2019.pdf
39. TEMODAR® (temozolomide) Capsules
Oral BCS1 **1999** **90s1**
https://www.ema.europa.eu/en/documents/assessment-report/temozolomide-hospira-epar-public-assessment-report_en.pdf
40. TEMODAR® (temozolomide) for Injection
TICE® BCG BCG LIVE (FOR INTRAVESICAL USE)
41. TRUSOPT® (dorzolamide hydrochloride ophthalmic solution) Sterile Ophthalmic Solution 2%
- VAQTA® [Hepatitis A Vaccine, Inactivated]**
VARIVAX® [Varicella Virus Vaccine Live]
VAXELIS™ (Diphtheria and Tetanus Toxoids and Acellular Pertussis, Inactivated Poliovirus, Haemophilus b Conjugate and Hepatitis B Vaccine)
VAXNEUVANCE™ (Pneumococcal 15 valent Conjugate Vaccine) Suspension for Intramuscular Injection

42. VERQUVO™ (vericiguat) tablets, for o use
Oral BCS2 **2021-2** **20s2**
https://www.ema.europa.eu/en/documents/assessment-report/verquvo-epar-public-assessment-report_en.pdf
43. WELIREG™ (belzutifan) tablets, for o use
Oral BCS2 **2021** **20s2**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2021/215383Orig1s000ChemR.pdf
44. ZEPATIER® (elbasvir and grazoprevir) tablets, for o use
Oral BCS4 BCS2 **2016-4** **10s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2016/208261Orig1s000ClinPharmR.pdf
45. ZERBAXA™ (ceftolozane and tazobactam) for injection, for intravenous use
46. ZINPLAVA™ (bezlotoxumab) injection, for intravenous use
47. ZOLINZA® (vorinostat capsules, for o use)
Oral BCS4 **2006-4** **00s4**
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2006/021991s000_Zolinza_ClinPharmR.pdf

Roche products:

Roche products Worldwide

<https://www.roche.com/solutions/pharma/#67916b85-0b8d-44de-b762-70a48cccef3c>

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|---|----------------------------------|---------------------------|-----------------------|---------------|-------------|
| 1. | Actemra/RoActemra | tocilizumab | | | |
| 2. | Alecensa | alectinib | Oral BCS2 BCS4 | 2015-4 | 10s4 |
| https://www.ema.europa.eu/en/documents/scientific-guideline/alectinib-hard-capsule-150-mg-product-specific-bioequivalence-guidance_en.pdf | | | | | |
| 3. | Avastin | bevacizumab | | | |
| 4. | CellCept | mycophenolate mofetil | Oral BCS2 BCS4 | 1995 | 90s4 |
| 5. | Copegus | ribavarin | Oral BCS3 | 2002-3 | 00s3 |
| https://extranet.who.int/pqweb/sites/default/files/documents/BE_Ribavirin_September2021.pdf | | | | | |
| 6. | Cotellic | cobimetinib | Oral BCS3 | 2015-3 | 10s3 |
| https://www.ema.europa.eu/en/documents/assessment-report/cotellic-epar-public-assessment-report_en.pdf | | | | | |
| 7. | Enspryng | satralizumab | | | |
| 8. | Erivedge | vismodegib | Oral BCS2 | 2012-2 | 10s2 |
| https://www.ema.europa.eu/en/documents/assessment-report/erivedge-epar-public-assessment-report_en.pdf | | | | | |
| 9. | Esbriet | pirfenidone | Oral BCS1 | 2014-1 | 10s1 |
| https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/022535Orig1s000ClinPharmR.pdf | | | | | |
| 10. | Evrysdi | risdiplam | Oral BCS0 | 2020-0 | 20s0 |
| 11. | Fuzeon | enfuvirtide | | | |
| 12. | Gazyva/Gazyvaro | obinutuzumab | | | |
| 13. | Hemlibra | emicizumab | | | |
| 14. | Herceptin | trastuzumab | | | |
| 15. | Herceptin SC / Herceptin Hylecta | trastuzumab hyaluronidase | | | |

16. Kadcyła	trastuzumab emtansine			
17. MabThera / Rituxan	rituximab			
18. MabThera SC / Rituxan Hycela	rituximab hyaluronidase			
19. Madopar	levodopa benserazide	Oral BCS1		
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2015/203312Orig1s000ClinPharmR.pdf			
20. Mircera	methoxy polyethylene glycol epoetin beta			
21. NeoRecormon	epoetin beta			
22. Ocrevus	ocrelizumab			
23. Pegasys	peginterferon α			
24. Perjeta	pertuzumab			
25. Phesgo	pertuzumab trastuzumab hyaluronidase			
26. Polivy	polatuzumab vedotin			
27. Pulmozyme	dornase alfa			
28. Roaccutane/Accutane	isotretinoin	Oral BCS2	1982	80s2
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/211913Orig1s000ChemR.pdf			
29. Rocephin	ceftriaxone			
30. Ronapreve	casirivimab and imdevimab			
31. Rozlytrek	entrectinib	Oral BCS2	2019-2	10s2
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2019/212725Orig1s000.%20212726Orig1s000ChemR.pdf			
32. Susvimo (ranibizumab injection) 100 mg/mL for intravitreal use via ocular implant				
33. Tamiflu	oseltamivir	Oral BCS3	1999	90s3
	https://www.ema.europa.eu/en/documents/scientific-guideline/oseltamivir-hard-capsules-30-45-75-mg-powder-oral-suspension-6-mg/ml-12-mg/ml-product-specific-bioequivalence-guidance_en.pdf			
34. Tarceva	erlotinib	Oral BCS2	2004-2	00s2
	https://www.fda.gov/files/drugs/published/N21-743S021-Erlotinib-Clinpharm-BPCA.pdf			
35. Tecentriq	atezolizumab			
36. Vabysmo	faricimab			
37. Valcyte	valganciclovir	Oral BCS1	2001-1	00s1
	https://www.accessdata.fda.gov/drugsatfda_docs/label/2003/21304se1-001_valcyte_lbl.pdf			
38. Xeloda	capecitabine	Oral BCS0	1998	90s0
39. Xofluza	baloxavir marboxil	Oral BCS2 BCS4	2018-4	10s4
40. Zelboraf	vemurafenib	Oral BCS4	2011-4	10s4
	https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/202429Orig1s000ClinPharmR.pdf			

AstraZeneca products

(<https://www.astrazeneca.com/our-therapy-areas/medicines.html>):

1. Arimidex® (anastrozole) **GB** - oral BCS0 1995 90s0
2. Bambec® (bambuterol) **GB** oral BCS0
3. Bevespi® (glycopyrronium / formoterol fumarate dihydrate) **GB**
4. Bricanyl® (terbutaline sulphate) **GB** (also) oral BCS0 1974 70s0

5. *Brilique® (ticagrelor)* [GB / NI oral BCS4](#) 2011-4 10s4
https://www.ema.europa.eu/en/documents/scientific-guideline/ticagrelor-film-coated-tablets-90mg-product-specific-bioequivalence-guidance_en.pdf
6. *Bydureon® (exenatide)* [GB / NI](#)
7. *Byetta® (exenatide)* [GB / NI](#)
8. *Calquence®▼ (acalabrutinib)* [GB / NI oral BCS2](#) 2017-2 10s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2017/210259Orig1s000ChemR.pdf
9. *Casodex® (bicalutamide)* [GB oral BCS2](#) 1995 90s2
https://www.accessdata.fda.gov/drugsatfda_docs/label/2006/020498s018lbl.pdf
10. *Crestor® (rosuvastatin)* [GB oral BCS0](#) 2003-0 00s0
11. *Daxas®▼ (roflumilast)* [GB oral BCS2](#) 2011-2 10s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2011/022522Orig1s000ChemR.pdf
12. *Duaklir®▼ Genuair (aclidinium/formoterol)* [GB](#)
13. *Eklira®▼ Genuair (aclidinium/bromide)* [GB](#)
14. *Fasenra®▼ (benralizumab)* [GB / NI](#)
15. *Faslodex® (fulvestrant)* [GB / NI](#)
16. *Fluenz Tetra® (live attenuated, nasal)* [GB / NI](#)
17. *Forxiga® (dapagliflozin)* [GB / NI oral BCS3](#) 2014-3 10s3
https://www.ema.europa.eu/en/documents/assessment-report/forxiga-epar-public-assessment-report_en.pdf
18. *IMFINZI®▼ (durvalumab)* [GB / NI](#)
19. *Iressa® (gefitinib)* [GB / NI oral BCS2 BCS4](#) 2003-4 00s4
https://www.ema.europa.eu/en/documents/scientific-guideline/draft-gefitinib-film-coated-tablet-250-mg-product-specific-bioequivalence-guidance_en.pdf
20. *Komboglyze® (saxagliptin/metformin hydrochloride)* [GB / NI oral BCS3](#) 2010-3 10s3
https://www.ema.europa.eu/en/documents/assessment-report/onglyza-epar-public-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/assessment-report/vildagliptin/metformin-hydrochloride-accord-epar-public-assessment-report_en.pdf
21. *Kosehugo®▼ (selumetinib)* [GB oral BCS4](#) 2020-4 20s4
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2020/213756Orig1s000ChemR.pdf
22. *Lokelma®▼ (sodium zirconium cyclosilicate)* [GB / NI oral BCS0](#) 2018-0 10s0
23. *Nexium® (esomeprazole)* [GB oral BCS0](#) 2001-0 00s0
24. *Onglyza® (saxagliptin)* [GB / NI oral BCS3](#) 2009-3 00s3
https://www.ema.europa.eu/en/documents/assessment-report/onglyza-epar-public-assessment-report_en.pdf
25. *Oxis® Turbohaler (formoterol)* [GB](#)
26. *Lynparza® (olaparib)* [GB / NI oral BCS4](#) 2014-4 10s4
https://www.ema.europa.eu/en/documents/variation-report/lynparza-h-c-3726-x-0016-g-epar-assessment-report-extension_en.pdf
27. *Pulmicort® (budesonide)* [GB](#)
28. *Qtern® (dapagliflozin/saxagliptin)* [GB / NI oral BCS3](#) 2017-3 10s3
https://www.ema.europa.eu/en/documents/assessment-report/onglyza-epar-public-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/assessment-report/forxiga-epar-public-assessment-report_en.pdf
29. *Symbicort® (budesonide/formoterol)* [GB](#)
30. *Synagis® (palivizumab)* [GB / NI](#)

31. TAGRISSO®▼ (osimertinib) *GB / NI* oral BCS3 2015-3 10s3
https://www.ema.europa.eu/en/documents/assessment-report/tagrisso-epar-public-assessment-report_en.pdf
32. Trixeo® (budesonide, formoterol fumarate dihydrate, glycopyrronium) *GB*
33. Xigduo® (dapagliflozin/metformin) *GB / NI* oral BCS3 2014-3 10s3
https://www.ema.europa.eu/en/documents/assessment-report/forxiga-epar-public-assessment-report_en.pdf
https://www.ema.europa.eu/en/documents/assessment-report/vildagliptin/metformin-hydrochloride-accord-epar-public-assessment-report_en.pdf
34. Zoladex® (goserelin) *GB*

Bristol Myers Squibb products:

Products on the US market.

<https://www.bms.com/patient-and-caregivers/our-medicines.html>

1. ABECMA® (idecabtagene vicleucel)
2. ABRAXANE® (paclitaxel protein-bound particles for injectable suspension) (albumin-bound)
3. AZACTAM® (aztreonam for injection, USP)
4. BREYANZI® (lisocabtagene maraleucel)
5. BARACLUDGE® (entecavir) *oral BCS3* 2005-3 00s3
<https://www.genesmiddeleninformatiebank.nl/pars/h119701.pdf>
6. CAMZYOS™ (mavacamten) *oral BCS2* 2022-2 20s2
https://www.accessdata.fda.gov/drugsatfda_docs/label/2022/214998s000lbl.pdf
7. DROXIA® (hydroxyurea) *oral BCS0* 1967 60s0
8. ELIQUIS® (apixaban) *oral BCS3* 2012-3 10s3
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2012/202155Orig1s000ClinPharmR.pdf
9. EMLICITI® (elotuzumab)
10. EVOTAZ® (atazanavir and cobicistat) *oral BCS2* 2015-2 10s2
https://www.ema.europa.eu/en/documents/assessment-report/atazanavir-mylan-epar-public-assessment-report_en.pdf
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2014/203094Orig1Orig2s000ClinPharmR.pdf
11. HYDREA® (hydroxyurea) *oral BCS0* 1967 60s0
12. IDHIFA® (enasidenib) *oral BCS2* 2017-2 20s2
13. INREBIC® (fedratinib) *oral BCS0* 2019-0 10s0
14. ISTODAX® (romidepsin)
15. KENALOG®-10 (triamcinolone acetonide)
16. KENALOG®-40 (triamcinolone acetonide) and KENALOG®-80 (triamcinolone acetonide)
17. NULOJIX® (belatacept)
18. ONUREG® (azacitidine tablets) *oral BCS3* 2004-3 00s3
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2020/214120Orig1s000ChemR.pdf
19. OPDIVO® (nivolumab)
20. OPDUALAG™ (nivolumab and relatlimab-rmbw)
21. ORENCIA® (abatacept)

22. POMALYST[®] (pomalidomide) **oral BCS4** 2013-4 10s4
23. REBLOZYL[®] (luspatercept-aamt)
24. REVLIMID[®] (lenalidomide) **oral BCS3** 2005-3 00s3
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2005/021880s000_Revlimid_BioPharmR.pdf
25. REYATAZ[®] (atazanavir) **oral BCS2** 2003-2 00s2
https://www.ema.europa.eu/en/documents/assessment-report/atazanavir-mylan-epar-public-assessment-report_en.pdf
26. SOTYKTU[™] (deucravacitinib) **oral BCS0** 2022-0 20s0
27. SPRYCEL[®] (dasatinib) **oral BCS2** 2006-2 00s2
https://www.accessdata.fda.gov/drugsatfda_docs/nda/2006/021986s000_Sprycel_ChemR.pdf
28. SUSTIVA[®] (efavirenz) **oral BCS2** 1998 90s2
https://www.ema.europa.eu/en/documents/assessment-report/efavirenz/emtricitabine/tenofovir-disoproxil-krka-epar-public-assessment-report_en.pdf
29. THALOMID[®] (thalidomide) **oral BCS2 BCS4** 1998 90s4
https://www.ema.europa.eu/en/documents/assessment-report/thalidomide-lipomed-epar-public-assessment-report_en.pdf
30. VIDAZA[®] (azacitidine)
31. YERVOY[®] (ipilimumab)
32. ZEPOSIA[®] (ozanimod) **oral BCS0** 2020-0 20s0