

**S1 Table. Short term stability of PALBO, RIBO and LETRO.**

Analytes	Nominal conc. (ng/mL)	T = 4h (RT)			T = 72 h in autosampler (4°C)		
		Mean ± SD	Prec. %	Acc. %	Mean ± SD	Prec. %	Acc. %
<b>PALBO</b>	0.50	0.52±0.06	12.2	103.5	0.54±0.02	4.2	108.2
	20.00	20.31±0.59	2.9	101.6	21.10±1.23	5.8	105.5
	200.00	204.51±10.42	5.1	102.3	215.60±8.28	3.8	107.8
<b>RIBO</b>	20.00	18.86±0.74	3.9	94.3	21.24±1.45	6.8	106.2
	800.00	751.88±27.56	3.7	94.0	815.31±36.72	4.5	101.9
	8000.00	7218.92±402.94	5.6	90.2	8274.93±207.29	2.5	103.4
<b>LETRO</b>	1.00	0.88±0.06	7.1	88.2	0.94±0.07	7.8	93.9
	40.00	37.95±1.78	4.7	94.9	44.45±0.19	0.4	111.1
	400.00	372.54±24.58	6.6	93.1	426.23±4.43	1.0	106.6

**S2 Table. Stability after two freeze-thaw cycles.**

	<b>After 2 freeze-thaw cycles</b>			
<b>Analytes</b>	<b>Mean ± SD</b>	<b>Prec. %</b>	<b>Acc. %</b>	<b>Mean ± SD</b>
<b>PALBO</b>	0.56±0.08	14.2	111.9	0.56±0.08
<b>RIBO</b>	21.59±0.17	0.8	107.9	21.59±0.17
<b>LETRO</b>	207.66±9.03	4.3	103.8	207.66±9.03

**S3 Table. Long term stability (2 months) of PALBO, RIBO and LETRO: analytes stored in human plasma at -80°C and working solutions (methanol) stored at -20°C.**

Analytes	Nominal conc. (ng/mL)	Stored at -80°C over 2 months (plasma)			Stored at -20°C over 2 months (methanol)		
		Mean ± SD	Prec. %	Acc. %	Mean ± SD	Prec. %	Acc. %
<b>PALBO</b>	0.50	0.51±0.02	4.3	101.6	0.52±0.02	3.3	104.1
	20.00	20.46±0.74	3.6	102.3	22.43±0.63	2.8	112.1
	200.00	202.92±0.37	0.2	101.5	219.18±9.46	4.3	109.6
<b>RIBO</b>	20.00	21.10±1.05	5.0	105.5	19.52±0.30	1.5	97.6
	800.00	789.37±28.89	3.7	98.7	885.44±35.25	4.0	110.7
	8000.00	7699.21±117.73	1.5	96.2	8522.63±68.65	0.8	106.5
<b>LETRO</b>	1.00	0.88±0.01	1.4	88.3	1.05±0.03	2.7	105.1
	40.00	39.58±0.90	2.3	99.0	44.12±1.25	2.8	110.3
	400.00	386.66±6.61	1.7	96.7	413.47±6.07	1.5	103.4