

Tests included in
budget assumptions
1st April

#	Study Title	# compounds in one test batch, price per assay per compound, EUR			Timeline (business days)
		1-3	4-9	≥10	
✓ 1.	Solubility Assay by Laser Nephelometry (threshold solubility measurements)	5 (50-75 cpds)	4.50 (76-1000 cpds)	3.50 (>1000 cpds)	10
2.	Shake-Flask Aqueous Solubility Assay (kinetic solubility)	100	100	80 (>12 cpds)	10
3.	Cytotoxicity in one cell line (TBD) at one concentration in quadruplicate	-	-	10 (>100 cpds)	10
✓ 4.	Cytotoxicity in one cell line (TBD) IC50 curve (10 points 3-fold serial dilutions)	-	40 (50-100 cpds)	25 (>100 cpds)	10
✓ 5.	LogD (pH 7.4)	110	90	70	10
6.	Single Time Point Microsomal Stability Pre-screening (human, rat or mouse)*	-	-	70 (>30 cpds)	10
7.	Hepatic Microsomal Stability (human, rat or mouse)*	220	200	180	10
8.	Hepatic S9 Stability (human, rat, or mouse)*	240	220	200	10
✓ 9.	Hepatocyte Stability (rat, mouse) minimal order is 3 compounds per species	350	330	310	10
✓ 10.	Caco-2 Permeability Assay, A to B, B to A, with P-GP test (verapamil)	580	540	500	15
11.	Pharmacokinetic Study in Rats (cassette): 4 compounds , IV & PO delivery routes, one dose level (TBD), 6 time points; 4 animals per time point, 8 animals in total; LC-MS/MS analysis of plasma samples.	4385			20
✓ 12.	Pharmacokinetic Study in Rats (cassette): 5 compounds , IV & PO delivery routes, one dose level (TBD), 6 time points; 4 animals per time point, 8 animals in total; LC-MS/MS analysis of plasma samples.	5015			20