

Molecule Y Concentration in Rat Plasma (ug/ mL)												
Formulation	API (Active Product Ingredient)			200 nm Solid Nanoparticle			100 nm Solid Nanoparticle			10 nm Solid Nanoparticle		
Time (hours)	Rat 1	Rat 2	Rat 3	Rat 1	Rat 2	Rat 3	Rat 1	Rat 2	Rat 3	Rat 1	Rat 2	Rat 3
1	60	30	100	10	20	25	40	60	35	5	10	15
3	700	550	400	300	500	425	350	425	375	50	75	65
5	1020	800	1200	545	760	615	575	745	565	175	225	205
7	950	650	1080	500	600	545	545	710	600	125	185	170
9	700	525	675	475	515	500	475	575	515	100	170	155
12	450	315	445	415	425	430	435	500	470	85	155	140
15	300	250	355	345	310	350	380	400	360	70	140	120
18	150	135	200	250	260	275	350	385	330	50	120	90
21	85	60	100	210	200	215	345	305	295	35	95	70
24	75	45	80	150	160	140	315	285	265	25	55	45