

Supplementary Materials

Table S1. Averaged substance concentrations and their standard deviations after administration of a single 3 mg dose.

Organ	Time	Administ- ration	Tam, ng/g	Endo, ng/g	OH-Tam, ng/g	Tam range	Endo range	OH-Tam range
uterus	4	fed	2108.57	28.20	924.40	1350.38- 3346.81	19.51-43.5	600.07- 1547.04
uterus	4	injected	486637.8	743.15	11898.46	383741.86- 605256.33	428.94- 1034.67	10850.04- 12670.11
uterus	17	fed	1300.33	56.40	415.30	175.87- 2356.26	15.82- 85.46	0-952.97
uterus	17	injected	215627.4	5038.46	47908.45	26964.14- 404290.66	2668.78- 7408.15	5453.83- 90363.07
liver	4	fed	5371.96	242.81	4786.52	1764.08- 10636.76	80.56- 332.87	1855.68- 7989.26
liver	4	injected	409681.3	5054.06	50652.93	186070.36- 699973.62	2455.38- 6829.67	21140.02- 74729.23
liver	17	fed	3632.36	318.17	2322.52	2942.09- 4065.07	154.84- 431.26	1534.04- 3459.56
liver	17	injected	26265.46	2810.80	12759.49	1428.31- 40136.75	436.05- 4156.9	693.86- 19498.02
lung	4	fed	1774.53	15981.9	20655.34	714.49- 3116.83	6770.92- 22200.92	7991.96- 34301.2
lung	4	injected	7037.82	219905.1	58575.05	5833.89- 8865.69	188612.32- 253902.54	56313.12- 60652.4
lung	17	fed	5656.16	17281.81	22117.68	2080.64- 8560.93	11222.32- 28839.14	10131.21- 44220
lung	17	injected	35605.4	214646.1	123605.7	14988.68- 61565.04	32013.93- 328653.97	19529.95- 202549.42
brain	4	fed	1258.56	8.66	936.47	838.03- 1679.08	8.37-8.94	758.4- 1114.54
brain	4	injected	42738.53	146.85	11622.35	26486.17- 58704.72	95.08- 201.36	7154.29- 13951.3
brain	17	fed	2483.82	28.48	814.17	1719.75- 3273.51	22.6-32.33	399- 1292.95

brain	17	injected	23625.87	183.64	6644.77	3052.23- 41214.27	47.22- 285.31	420.71- 9860.4
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Table S2. Primers used for genotyping.

Primer name	Primer sequence	Annealing temperature
Cdk8-F	5'-CTAATTGGAGTCCTGGACAAGGC-3'	58°C
Cdk8-R2	5'-AGCGTAGTCTTTATCGTCCTTC-3'	58°C
Cdk8-R	5'-CCCATAGAGCCATCTCAACAGC-3'	58°C