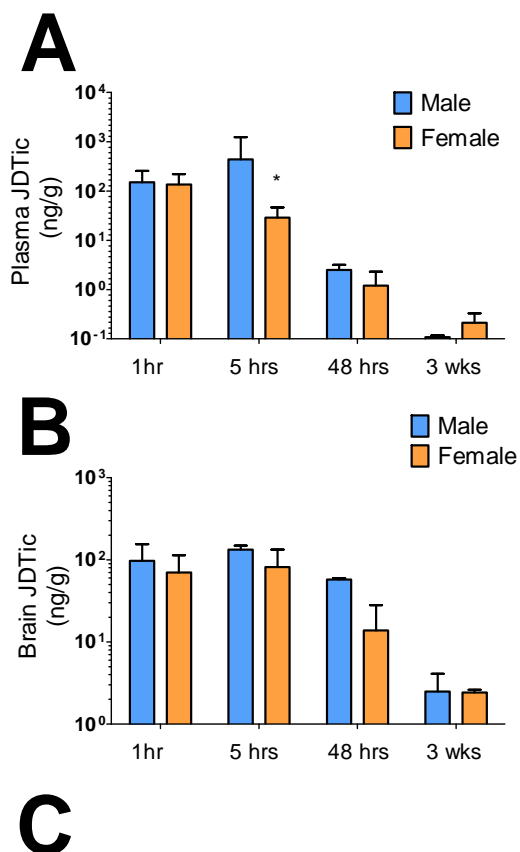


Figure S1: Pharmacokinetic data for JD_{Tic} in male and female C57Bl/6J mice. Plasma (A) and brain (B) concentrations of JD_{Tic} at different time points including pharmacokinetic constants (C). * $p < 0.05$, effect of sex.



C

	Brain		Plasma	
	Male	Female	Male	Female
K (1/h)	0.00744	0.003808	0.006874	0.003823
t _{1/2} (h)	93.2	182	100.8	181.3
C _{max} (ng/ml)	133.75	81.795	437.95	135.7
C _{last} (ng/ml)	2.508	2.425	0.109	0.212
AUC (h*ng/ml)	18329	6086	11315	1369