

Table S5. Pharmacokinetic parameters of NEU-1060 (compound 14) in plasma and brain following a single intraperitoneal administration in female BALB/c mice (Dose: 10 mg/kg)

Compound	Dose (mg/kg)	Route	Matrix	T _{max} (hr)	C _{max} (ng/mL)	AUC _{last} (hr*ng/mL)	AUC _{inf} (hr*ng/mL)
NEU-1060	10	i.p.	Plasma	0.25	73.98	467.90	NC
			Brain*	4.00	210.77	3474.83	NC

*The density of brain homogenate was considered as 1 which is equivalent to plasma density (1);

Brain conc. and exposure expressed as ng/g and hr.ng/g, respectively.

NC – not calculated due to improper elimination phase