

**Table S6. Brain to plasma exposure ratio of NEU-1060 (compound 14) after a single intraperitoneal administration in female BALB/c mice (Dose: 10 mg/kg)**

Compound	Dose (mg/kg)	Route	Matrix	C <sub>max</sub> (ng/mL)	C <sub>max</sub> ratio	AUC <sub>last</sub> (hr*ng/mL)	Brain to plasma exposure ratio
NEU-1060	10	i.p.	Plasma	73.98	2.85	467.90	7.43
			Brain*	210.77		3474.83	

\*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.