

Blocker	Activity	IC <sub>50</sub>			Concentration used in this study	Ref
		EAAT1	EAAT2	EAAT3		
<b>TFB-TBOA</b>	<b>Broad</b> long lasting	22 nM	17 nM	300 nM	30 nM	[1]
<b>UCPH-101</b>	<b>Selective EAAT1</b> long lasting allosteric noncompetitive	0.66 μM	> 300 μM	> 300 μM	100 μM	[2]
<b>DHK</b>	<b>Selective EAAT2</b> competitive	> 3 mM	23 μM	> 3 mM	300 μM	[3]
<b>WAY213613</b>	<b>Potent EAAT2</b> competitive	5 μM	85 nM	3 μM	10 μM	[4]

IC<sub>50</sub> values of blocker for the respective glutamate transporter and concentration used in this study.

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## Supplemental Table S1