

Supp. Table 1: Glutamate Receptors and Corresponding Modulating Agents Utilized in the Study

Type	Name	Antagonists	Agonists
ionotropic	NMDA receptor	-Memantine hydrochloride, -Ketamine hydrochloride, -(+)-MK 801 maleate, -(+/-)-1-(1,2-Diphenylethyl) piperidine maleate, -TCS 46b, - Eliprodil, -D-AP4, -N20C hydrochloride, -O-Phospho-L-serine, -Felbamate, -Gavestinel, -L-701,324, -Mg ⁺⁺	N-Methyl-D-Aspartic acid (NMDA), D-Aspartic acid, DL-Glutamic acid monohydrate
	Kainate receptor	-Kynurenic acid, -UBP 301	
	AMPA receptor	-(R)-3,4-DCPG, -gammaDGG	
metabotropic	mGluR ₁ , mGluR ₅ mGluR ₂ , mGluR ₃ ,mGluR ₄ , mGluR ₆ , mGluR ₇ , mGluR ₈	ACPT-II	

Table describing the ionotropic receptors—including NMDA, Kainate, and AMPA receptors—and the metabotropic-related agonist and antagonist drugs used in the study to identify the receptors affected by NMDAR antagonists.