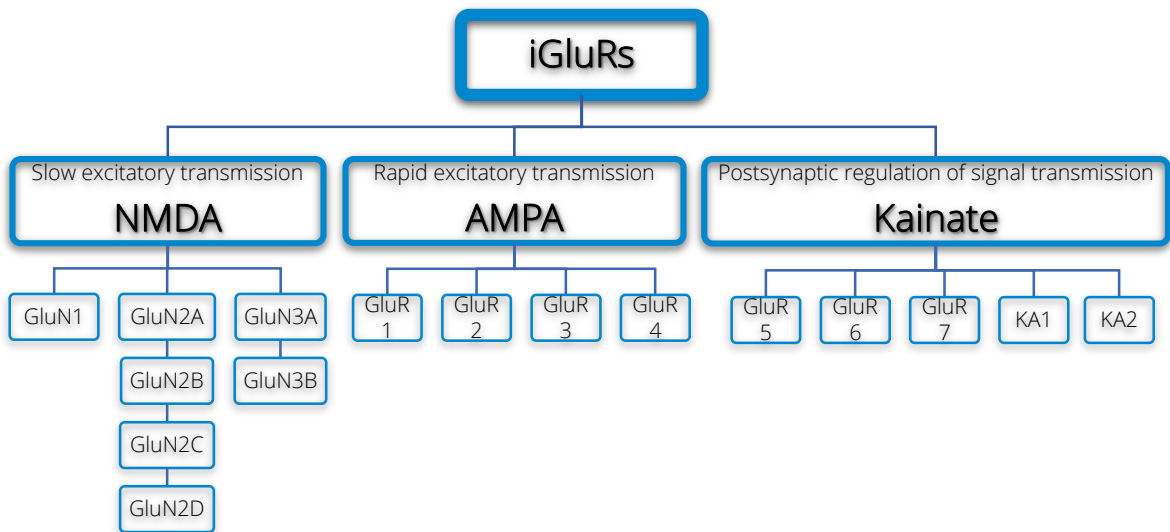


# Ionotropic Glutamate Receptor Modulators

Ionotropic glutamate receptors (iGluRs) transduce signals from pre-synaptic neurons into excitation of post-synaptic neurons upon glutamate binding. The receptors are made of four subunits and form ligand-gated channel pores that control the Na<sup>+</sup> and Ca<sup>2+</sup> currents. They are involved in synaptic plasticity and pathogenesis of schizophrenia, depression, Alzheimer's and Parkinson's disease.

iGluRs are tetrameric transmembrane protein complexes. Each subunit is formed of an amino terminal clamshell-like domain (ATD), a ligand-binding domain (LBD), a transmembrane domain (TMD) forming ion channel and an intracellular carboxyl terminal domain (CTD).



Code	Product	Activity	Quantity	Price (\$)
Agonists				
FM12671	<b>NMDA</b>	NMDA agonist	1 g	100.00
Antagonists				
FC65085	<b>MDL 105519</b>	NMDA receptor antagonist	10 mg	125.00
FB65108	<b>NVP AAM 077</b>	NMDA receptor antagonist, competitive	10 mg	145.00
FM146180	<b>QNZ 46</b>	NMDA receptor antagonist, non-competitive	10 mg	125.00
FS65164	<b>SDZ 220-581 HCl</b>	NMDA receptor antagonist, competitive	10 mg	135.00
FT28276	<b>Tiletamine</b>	NMDA receptor antagonist, non-competitive	10 mg	75.00
FI65042	<b>Ifenprodil tartrate</b>	NMDA receptor antagonist, non-competitive	25 mg	38.00
BM164662	<b>Memantine</b>	NMDA receptor antagonist, non-competitive	100 mg	50.00
BN167535	<b>NBQX</b> <span style="color: red; font-weight: bold;">NEW</span>	AMPA/kainate receptor antagonist, competitive	10 mg	125.00
Modulators				
FF65028	<b>Fonturacetam</b>	AMPA receptor allosteric modulator	10 mg	45.00
BA164183	<b>Aniracetam</b>	AMPA/kainate desensitization inhibitor	100 mg	50.00