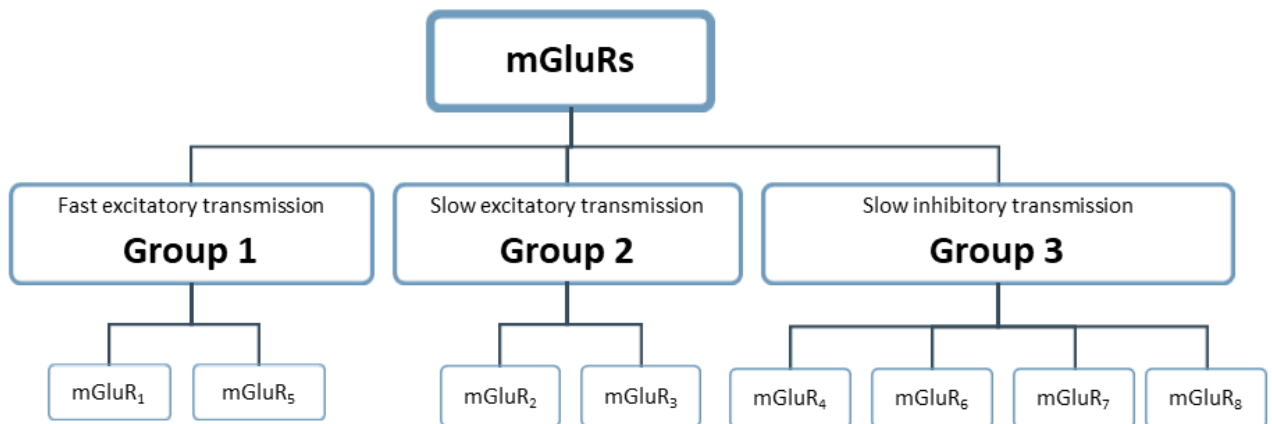


Metabotropic Glutamate Receptor Modulators

Metabotropic glutamate receptors (mGluRs) are members of class C G-protein-coupled receptors (GPCRs) that participate in modulation of synaptic transmission and neuronal excitability throughout the central nervous system. The mGluRs regulate NMDA receptor activity and any disfunctions can lead to impaired signal transduction resulting in neurological disorders such as epilepsy, schizophrenia, autism, night blindness, Parkinson's and Alzheimer's disease.



Group 1 mGluRs are predominantly located in postsynaptic membranes while Group 2 and 3 receptors are typically presynaptic. The receptors are indirectly linked to ion-channels through signal transduction by G protein signalling and enzyme activation. The mGluRs exist as monomers or dimers. Each subunit is made of an extracellular N-terminal domain containing the ligand binding site, seven transmembrane domains and a C-terminal domain.

Code	Product	Activity	Quantity	Price (\$)
Agonists				
FL65070	LY 404039	Highly selective mGluR _{2/3} agonist	10 mg	125.00
Antagonists				
FA65069	LY 341495	mGluR _{2/3} antagonist	10 mg	195.00
FM66689	MPEP	Competitive mGluR ₅ antagonist	10 mg	65.00
FM76415	MTEP hydrochloride	Non-competitive mGluR ₅ antagonist	10 mg	85.00
BA166488	(R)-ADX 47273	mGluR ₅ antagonist	10 mg	145.00
FM65091	MMPIP hydrochloride	Competitive mGluR ₇ antagonist	10 mg	135.00
Allosteric modulators				
BV165163	VU 6010608 NEW	mGluR ₇ negative allosteric modulator	10 mg	125.00