



Product Information

Basimglurant

Cat. No.: X23-12-YM1341

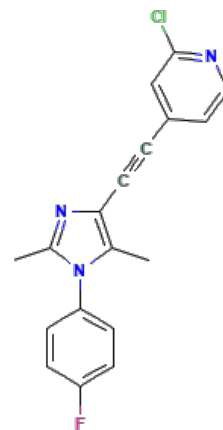
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 802906-73-6

Compound CID: 11438771

Synonym: 802906-73-6; RG7090

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Basimglurant inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets mGlu5 receptor.
Molecular Weight	325.77
Molecular Formula	C ₁₈ H ₁₃ ClFN ₃
Targets	mGlu5 receptor: 1.1 nM (Kd)
IUPAC Name	2-Chloro-4-[2-[1-(4-fluorophenyl)-2,5-dimethylimidazol-4-yl]ethynyl]pyridine
InChI	InChI=1S/C18H13ClFN3/c1-12-17(8-3-14-9-10-21-18(19)11-14)22-13(2)23(12)16-6-4-15(20)5-7-16/h4-7,9-11H,1-2H3
InChI Key	UPZWINBEAHDTLA-UHFFFAOYSA-N
Canonical SMILES	CC1=C(N=C(N1C2=CC=C(C=C2)F)C)C#CC3=CC(=NC=C3)Cl
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Basimglurant can be used for its ability to modulate glutamate neurotransmission.
Storage	Store at -20°C, and keep desiccated.