



Product Information

Dipraglurant

Cat. No.: X23-12-YM535

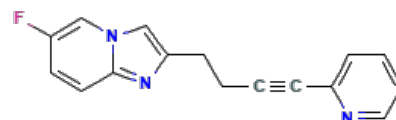
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 872363-17-2

Compound CID: 44557636

Synonym: 872363-17-2; ADX-48621;

6-Fluoro-2-[4-(pyridin-2-yl)-3-butyne]imidazo[1,2-a]pyridine



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

Product Information

Description	Dipraglurant inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets mGluR5.
Molecular Weight	265.29
Molecular Formula	C ₁₆ H ₁₂ FN ₃
Targets	mGluR5: 21 nM
IUPAC Name	6-Fluoro-2-(4-pyridin-2-ylbut-3-ynyl)imidazo[1,2-a]pyridine
InChI	InChI=1S/C16H12FN3/c17-13-8-9-16-19-15(12-20(16)11-13)7-2-1-5-14-6-3-4-10-18-14/h3-4,6,8-12H,2,7H2
InChI Key	LZXMUJJCJAWVHPZ-UHFFFAOYSA-N
Canonical SMILES	C1=CC=NC(=C1)C#CCCC2=CN3C=C(C=CC3=N2)F
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Dipraglurant can be used to research and develop therapeutic strategies for certain diseases that involve excessive activation of GPCR-G protein signaling pathways.
Storage	Store at -20°C, and keep desiccated.