



Product Information

AZD 2066

Cat. No.: X23-12-YM1204

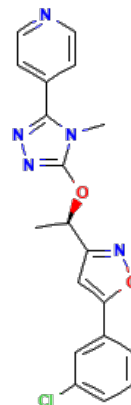
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 934282-55-0

Compound CID: 16041426

Synonym: 934282-55-0; AZD-2066

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



Product Information

Description	AZD 2066 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets mGluR5.
Molecular Weight	381.82
Molecular Formula	C ₁₉ H ₁₆ ClN ₅ O ₂
Targets	mGluR5
IUPAC Name	5-(3-Chlorophenyl)-3-[(1R)-1-[(4-methyl-5-pyridin-4-yl)-1,2,4-triazol-3-yl]oxy]ethyl]-1,2-oxazole
InChI	InChI=1S/C19H16ClN5O2/c1-12(16-11-17(27-24-16)14-4-3-5-15(20)10-14)26-19-23-22-18(25(19)2)13-6-8-21-9-7-13/h3-12H,1-2H3/t12-m/s1
InChI Key	SXWHYTICXCLKDG-GFCCVEGCSA-N
Canonical SMILES	CC(C1=NOC(=C1)C2=CC(=CC=C2)Cl)OC3=NN=C(N3C)C4=CC=NC=C4
Isomeric SMILES	C[C@H](C1=NOC(=C1)C2=CC(=CC=C2)Cl)OC3=NN=C(N3C)C4=CC=NC=C4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AZD 2066 can be studied for its effect on increasing muscle mass and strength, improving bone mineral density, and potentially enhancing physical performance.
Storage	Store at -20°C, and keep desiccated.