



Product Information

AZD-8529

Cat. No.: X23-12-YM1226

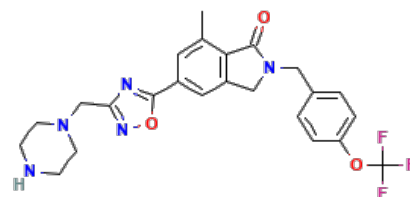
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1092453-15-0

Compound CID: 25125217

Synonym: 1092453-15-0; AZD-8529 free base

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



Product Information

Description	AZD-8529 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets mGluR2.
Molecular Weight	487.47
Molecular Formula	C ₂₄ H ₂₄ F ₃ N ₅ O ₃
Targets	mGluR2: 285 nM (EC ₅₀)
IUPAC Name	7-Methyl-5-[3-(piperazin-1-ylmethyl)-1,2,4-oxadiazol-5-yl]-2-[[4-(trifluoromethoxy)phenyl]methyl]-3H-indolizino[1,2-b]pyridine-1-one
InChI	InChI=1S/C24H24F3N5O3/c1-15-10-17(22-29-20(30-35-22)14-31-8-6-28-7-9-31)11-18-13-32(23(33)21(15)18)12-16-2-4-19(5-3-16)34-24(25,26)27/h2-5,10-11,28H,6-9,12-14H2,1H3
InChI Key	IPCYZQQFECEHLI-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=CC2=C1C(=O)N(C2)CC3=CC=C(C=C3)OC(F)(F)F)C4=NC(=NO4)CN5CCNCC5
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AZD-8529 can be used for its ability to enhance the activity of this receptor, which is involved in regulating excitatory neurotransmission in the brain.
Storage	Store at -20°C, and keep desiccated.



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