



Product Information

SBI-553

Cat. No.: X23-12-YM1137

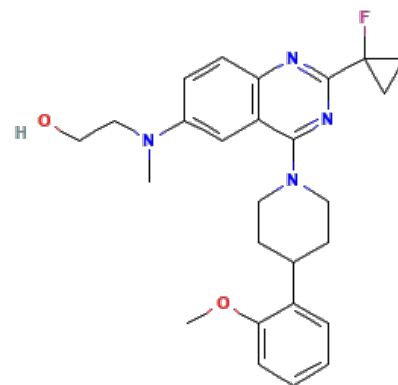
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1849603-72-0

Compound CID: 118610427

Synonym: 1849603-72-0; 2-((2-(1-Fluorocyclopropyl)-4-(4-(2-methoxyphenyl)piperidin-1-yl)quinazolin-6-yl)(methylamino)ethan-1-ol

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



Product Information

Description	SBI-553 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets NTR1.
Molecular Weight	450.56
Molecular Formula	C ₂₆ H ₃₁ FN ₄ O ₂
Targets	NTR1
IUPAC Name	2-[[2-(1-Fluorocyclopropyl)-4-[4-(2-methoxyphenyl)piperidin-1-yl]quinazolin-6-yl]-methylamino]ethanol
InChI	InChI=1S/C26H31FN4O2/c1-30(15-16-32)19-7-8-22-21(17-19)24(29-25(28-22)26(27)11-12-26)31-13-9-18(10-14-31)20-5-3-4-6-23(20)33-2/h3-8,17-18,32H,9-16H2,1-2H3
InChI Key	BLWXTJQMEBQCIZ-UHFFFAOYSA-N
Canonical SMILES	CN(CCO)C1=CC2=C(C=C1)N=C(N=C2N3CCC(CC3)C4=CC=CC=C4OC)C5(CC5)F
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	SBI-553 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.