



## Product Information

### SBI-553

**Cat. No.:** X23-12-YM1137

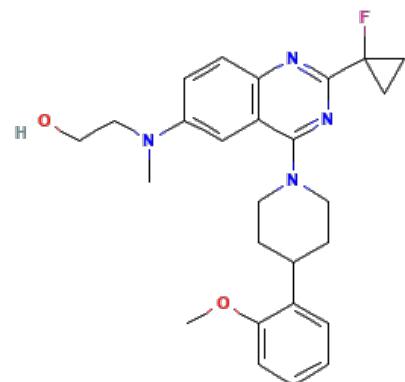
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**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)(methyl)amino)ethan-1-ol

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



### Product Information

<b>Description</b>	SBI-553 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets NTR1.
<b>Molecular Weight</b>	450.56
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>31</sub> FN <sub>4</sub> O <sub>2</sub>
<b>Targets</b>	NTR1
<b>IUPAC Name</b>	2-[[2-(1-Fluorocyclopropyl)-4-[4-(2-methoxyphenyl)piperidin-1-yl]quinazolin-6-yl]-methylamino]ethanol
<b>InChI</b>	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
<b>InChI Key</b>	BLWXTJQMEBQCIZ-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CN(CCO)C1=CC2=C(C=C1)N=C(N=C2N3CCC(CC3)C4=CC=CC=C4OC)C5(CC5)F
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	SBI-553 can be used to research and develop therapeutic strategies for certain diseases that involve excessive activation of GPCR-G protein signaling pathways.
<b>Storage</b>	Store at -20°C, and keep desiccated.