

Product Information

GPR inhibitor GPR120-IN-1, Purity ≥98%

Cat. No.: X24-06-ZQ683

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

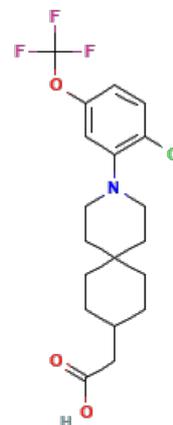
MDL: MFCD28975351

CAS Number: 1599477-75-4

Compound CID: 73777063

Synonym: 1599477-75-4; GPR inhibitor

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



Product Information

Description	GPR120-IN-1 is a compound that specifically targets and inhibits G protein-coupled receptors (GPRs), which play a critical role in transmitting signals across cell membranes.
Molecular Weight	405.84
Molecular Formula	C ₁₉ H ₂₃ ClF ₃ NO ₃
IUPAC Name	2-[3-[2-Chloro-5-(trifluoromethoxy)phenyl]-3-azaspiro[5.5]undecan-9-yl]acetic acid
InChI	InChI=1S/C19H23ClF3NO3/c20-15-2-1-14(27-19(21,22)23)12-16(15)24-9-7-18(8-10-24)5-3-13(4-6-18)11-17(25)26/h1-2,12-13H,3-11H2,(H,25,26)
InChI Key	WUJVPELCYCESAP-UHFFFAOYSA-N
Canonical SMILES	C1CC2(CCC1CC(=O)O)CCN(CC2)C3=C(C=CC(=C3)OC(F)(F)F)Cl
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	GPR120-IN-1 is employed in studies to block GPR120 activity, shedding light on its physiological and pathophysiological roles.
Storage	Store at -20°C, and keep desiccated.