

Product Information

PI3Kγ inhibitor 2, Purity ≥98%

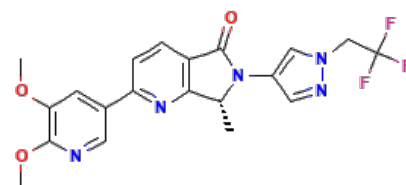
Cat. No.: X24-05-ZQ131

Size: 2 mg; 5 mg; 10 mg

CAS Number: 1315538-79-4

Compound CID: 68045182

Synonym: 1315538-79-4; PI3K|A inhibitor 2; ChEMBL4126773; PI3Kgamma inhibitor 2; SCHEMBL10142650; PI3K inhibitor



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

Product Information

Description	PI3Kγ inhibitor 2 is a potent compound that inhibits PI3 kinase activity. It targets PI3Kγ.
Molecular Weight	433.38
Molecular Formula	C ₂₀ H ₁₈ F ₃ N ₅ O ₃
Targets	PI3Kγ: 4 nM (Ki)
IUPAC Name	(7 <i>R</i>)-2-(5,6-dimethoxypyridin-3-yl)-7-methyl-6-[1-(2,2,2-trifluoroethyl)pyrazol-4-yl]-7 <i>H</i> -pyrrolo[3,4- <i>b</i>]pyridin-5-one
InChI	InChI=1S/C20H18F3N5O3/c1-11-17-14(19(29)28(11)13-8-25-27(9-13)10-20(21,22)23)4-5-15(26-17)12-6-16(30-2)18(31-3)24-7-12/h4-9,11H,10H2,1-3H3/t11-/m1/s1
InChI Key	DREWJJJKWOJZQM-LLVKDONJSA-N
Canonical SMILES	CC1C2=C(C=CC(=N2)C3=CC(=C(N=C3)OC)OC)C(=O)N1C4=CN(N=C4)CC(F)(F)F
Isomeric SMILES	C[C@@H]1C2=C(C=CC(=N2)C3=CC(=C(N=C3)OC)OC)C(=O)N1C4=CN(N=C4)CC(F)(F)F
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.
Applications	PI3Kγ inhibitor 2 can be used to study the effects of PI3Kγ inhibition in immune cell regulation and cancer.
Storage	Store at -20°C.

