

Product Information

PI3K δ -IN-1, Purity \geq 98%

Cat. No.: X24-05-ZQ130

Size: 1 mg; 5 mg; 10 mg

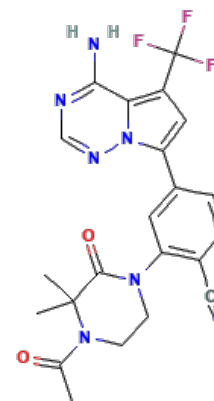
CAS Number: 1911564-39-0

Compound CID: 132220479

Synonym: 1911564-39-0; PI3Kdelta-IN-1; PI3K|A-IN-1; ChEMBL4064666;

zun64390; PI3K inhibitor

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



Product Information

Description	PI3K δ -IN-1 is a potent compound that inhibits PI3 kinase activity.
Molecular Weight	471.44
Molecular Formula	C ₂₂ H ₂₀ F ₃ N ₇ O ₂
IUPAC Name	2-(4-Acetyl-3,3-dimethyl-2-oxopiperazin-1-yl)-4-[4-amino-5-(trifluoromethyl)pyrrolo[2,1-f][1,2,4]triazin-7-yl]benzotrile
InChI	InChI=1S/C22H20F3N7O2/c1-12(33)31-7-6-30(20(34)21(31,2)3)16-8-13(4-5-14(16)10-26)17-9-15(22(23,24)25)18-19(27)28-11-29-32(17)18/h4-5,8-9,11H,6-7H2,1-3H3,(H2,27,28,29)
InChI Key	ZDXIDBRGTYDHBQ-UHFFFAOYSA-N
Canonical SMILES	CC(=O)N1CCN(C(=O)C1(C)C)C2=C(C=CC(=C2)C3=CC(=C4N3N=CN=C4N)C(F)(F)F)C#N
Form	Lyophilized powder
Purity	\geq 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	PI3K δ -IN-1 is employed to investigate the role of PI3K δ in immune-mediated diseases.
Storage	Store at -20°C.