

Product Information

PI3K-alpha inhibitor 1, Purity ≥98%

Cat. No.: X24-05-ZQ133

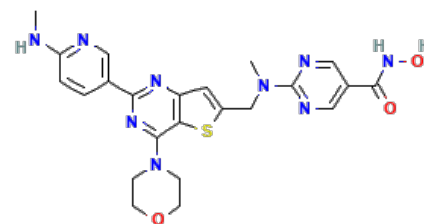
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1235449-52-1

Compound CID: 59474330

Synonym: 1235449-52-1; BEBT-908; CUDC-908; DQ7TD3X4ZJ; N

-hydroxy-2-[methyl-[[2-[6-(methylamino)pyridin-3-yl]-4-morpholin-4-ylthieno[3,2-d]pyrimidin-6-yl]methyl]amino]pyrimidine-5-carboxamide; PI3K inhibitor



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

Product Information

Description	PI3K-alpha inhibitor 1 is a potent compound that inhibits PI3 kinase activity. It targets HDAC and PI3K α .
Molecular Weight	507.57
Molecular Formula	C ₂₃ H ₂₅ N ₉ O ₃ S
Targets	HDAC: 0.1 μ M; PI3K α : 0.1 μ M
IUPAC Name	N -hydroxy-2-[methyl-[[2-[6-(methylamino)pyridin-3-yl]-4-morpholin-4-ylthieno[3,2-d]pyrimidin-6-yl]methyl]amino]pyrimidine-5-carboxamide
InChI	InChI=1S/C23H25N9O3S/c1-24-18-4-3-14(10-25-18)20-28-17-9-16(36-19(17)21(29-20)32-5-7-35-8-6-32)13-31(2)23-26-11-15(12-27-23)22(33)30-34/h3-4,9-12,34H,5-8,13H2,1-2H3,(H,24,25)(H,30,33)
InChI Key	TWJZFXHSPBBPNI-UHFFFAOYSA-N
Canonical SMILES	CNC1=NC=C(C=C1)C2=NC3=C(C(=N2)N4CCOCC4)SC(=C3)CN(C)C5=NC=C(C(=N5)C(=O)NO
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	PI3K-alpha inhibitor 1 serves to investigate PI3K α signaling pathways in cancer.
Storage	Store at -20°C.