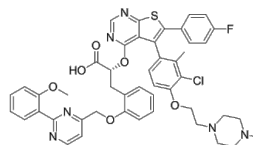


Product Name : MIK665
Synonyms : S-64315; MIK-665; S64315
Cat No. : M12722
CAS Number : 1799631-75-6
Molecular Formula : C₄₇H₄₄ClFN₆O₆S
Formula Weight : 875.41



Chemical Name : (R)-2-((5-(3-chloro-2-methyl-4-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)-6-(4-fluorophenyl)thieno[2,3-d]pyrimidin-4-yl)oxy)-3-(2-(2-methoxyphenyl)pyrimidin-4-yl)methoxy)phenyl)propanoic acid

Description : MIK665 (S-64315, MIK-665) is a novel potent, selective Mcl-1 inhibitor with potential pro-apoptotic and antineoplastic activities; binds to and inhibits the activity of Mcl-1, which promotes apoptosis of cells overexpressing Mcl-1. Mcl-1, an anti-apoptotic protein belonging to the Bcl-2 family of proteins, is upregulated in cancer cells and promotes tumor cell survival. Blood Cancer Phase 1 Clinical

Pathway : Angiogenesis

Target : Bcl-2

Receptor : Bcl-2

Solubility : DMSO : ≥ 125 mg/mL 142.79 mM; H₂O : < 0.1 mg/mL

SMILES : O=C(O)[C@@H](OC1=CC(=C(OC2=NC(C3=C(C(OC)C=CC=C3)=NC=C2)C=CC=C1)OC4=C5C(SC6=CC=C(F)C=C6)=C5C7=C(C(C)C(Cl)=C(OCCN8CCN(C)CC8)C=C7)=NC=N4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Cassier PA, et al. Br J Cancer. 2017 Oct 10;117(8):1089-1098.