

Mcl-1 inhibitor 20

Chemical Properties

CAS No. :

Formula: C55H61ClFN5O7S

Molecular Weight: 990.62

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Mcl-1 inhibitor20 (compound 47) is an Mcl-1 antagonist with anti-leukemia properties. It binds to the BH3 docking groove of Mcl-1 (Ki=24 nM), occupies the P1 pocket, and interacts with Lys234 and Val249. Mcl-1 inhibitor20 also exhibits good microsomal stability, favorable pharmacokinetic properties, and low cardiotoxicity.
Targets(IC50)	Bcl-2 Family

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0095 mL	5.0473 mL	10.0947 mL
5 mM	0.2019 mL	1.0095 mL	2.0189 mL
10 mM	0.1009 mL	0.5047 mL	1.0095 mL
50 mM	0.0202 mL	0.1009 mL	0.2019 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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