

MS78

Chemical Properties

CAS No. :

Formula: C57H66FN9O6S

Molecular Weight: 1024.25

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	MS78, an acetylation targeting chimera (AceTAC), specifically acetylates the p53Y220C mutant by recruiting the histone acetyltransferase p300/CBP. This compound enhances the expression of TRAIL apoptotic genes while concurrently suppressing DNA damage response pathways. Its structure comprises a CBP/p300 binding domain, a p53Y220C targeting moiety, and a connecting linker [1].
Targets(IC50)	Others,Histone Acetyltransferase,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9763 mL	4.8816 mL	9.7632 mL
5 mM	0.1953 mL	0.9763 mL	1.9526 mL
10 mM	0.0976 mL	0.4882 mL	0.9763 mL
50 mM	0.0195 mL	0.0976 mL	0.1953 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.

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