

NSC260594

Chemical Properties

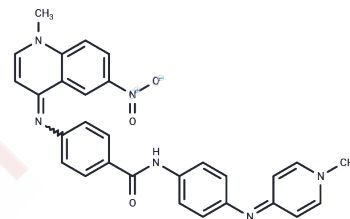
CAS No. : 906718-66-9

Formula: C₂₉H₂₄N₆O₃

Molecular Weight: 504.54

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	NSC260594 is a chemical compound that promotes apoptosis by binding to the shallow groove of the Mcl-1 protein and suppressing its expression through down-regulation of Wnt signaling proteins. Additionally, it can identify the G9-G10-A11-G12 RNA tetraloop of HIV, thereby obstructing the attachment of the Gag protein to the 5'-UTR. This compound demonstrates the potential to impede tumor proliferation and is utilized in the study of Triple-negative breast cancers (TNBCs) [1].
Targets(IC50)	Apoptosis,Bcl-2 Family,Others,HIV Protease,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.982 mL	9.910 mL	19.820 mL
5 mM	0.3964 mL	1.982 mL	3.964 mL
10 mM	0.1982 mL	0.991 mL	1.982 mL
50 mM	0.0396 mL	0.1982 mL	0.3964 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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