

APOBEC3G-IN-1

Chemical Properties

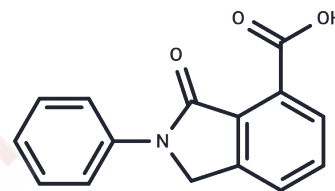
CAS No. : 14261-92-8

Formula: C₁₅H₁₁NO₃

Molecular Weight: 253.25

Storage: Store under nitrogen, Keep away from direct sunlight
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	APOBEC3G-IN-1 (MN136.0185) is a targeted inhibitor of APOBEC3G with anti-HIV activity, used for researching infectious diseases and cancer.
Targets(IC50)	Others, HIV Protease

Solubility Information

Solubility	DMSO: 5 mg/mL (19.74 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9487 mL	19.7433 mL	39.4867 mL
5 mM	0.7897 mL	3.9487 mL	7.8973 mL
10 mM	0.3949 mL	1.9743 mL	3.9487 mL
50 mM	0.079 mL	0.3949 mL	0.7897 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.

Reference

Zaytsev, V.P., Mikhailova, N.M., Airiyan, I.K. et al. Cycloaddition of furfurylamines to maleic anhydride and its substituted derivatives. Chem Heterocycl Comp 48, 505-513 (2012).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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