

NY2267

Chemical Properties

CAS No. : 886053-73-2

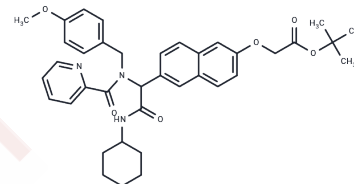
Formula: C38H43N3O6

Molecular Weight: 637.76

Store at low temperature

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	NY2267 (Acetic acid, 2-[[6-[2-(cyclohexylamino)-1-[[[(4-methoxyphenyl)methyl](2-pyridinylcarbonyl)amino]-2-oxoethyl]-2-naphthalenyl]oxy]-, 1,1-dimethylethyl ester) is a disruptor of Myc-Max interaction, with an IC50 of 36.5 µM.
Targets(IC50)	c-Myc

Solubility Information

Solubility	DMSO: 250 mg/mL (392 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (5.17 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.568 mL	7.8399 mL	15.6799 mL
5 mM	0.3136 mL	1.568 mL	3.136 mL
10 mM	0.1568 mL	0.784 mL	1.568 mL
50 mM	0.0314 mL	0.1568 mL	0.3136 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

Yang Xu, et al. A credit-card library approach for disrupting protein-protein interactions. Bioorg Med Chem. 2006 Apr 15;14(8):2660-73.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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