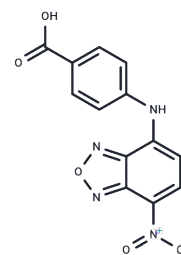


JY-3-094

Chemical Properties

CAS No. :	389076-27-1
Formula:	C13H8N4O5
Molecular Weight:	300.23
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	JY-3-094 is a selective Myc inhibitor that targets the hydrophobic domain of Myc and inhibits the formation of the Myc-Max heterodimer, with an IC50 of 33 μ M, and can be used for cancer research.
Targets(IC50)	c-Myc

Solubility Information

Solubility	DMSO: 20 mg/mL (66.62 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	3.3308 mL	16.6539 mL	33.3078 mL
5 mM	0.6662 mL	3.3308 mL	6.6616 mL
10 mM	0.3331 mL	1.6654 mL	3.3308 mL
50 mM	0.0666 mL	0.3331 mL	0.6662 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

Yap JL, et al. Pharmacophore identification of c-Myc inhibitor 10074-G5. Bioorg Med Chem Lett. 2013 Jan 1;23(1):370-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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