

c-Myc inhibitor 5

Chemical Properties

CAS No. :

Formula: C30H46N12

Molecular Weight: 574.77

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	c-Myc Inhibitor 5 (DA3) is a fluorescent bispurine compound with a long-chain bridge that selectively binds to the c-MYC G-quadruplex, exhibiting a dissociation constant (K _D) of 16 μM. Unlike other G4-driven oncogenes, this inhibitor specifically suppresses c-MYC expression [1].
Targets(IC50)	Others,c-Myc

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7398 mL	8.6991 mL	17.3983 mL
5 mM	0.348 mL	1.7398 mL	3.4797 mL
10 mM	0.174 mL	0.8699 mL	1.7398 mL
50 mM	0.0348 mL	0.174 mL	0.348 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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