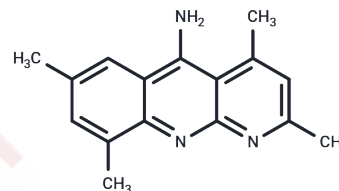


BMH-22

Chemical Properties

CAS No. : 309726-06-5
 Formula: C₁₆H₁₇N₃
 Molecular Weight: 251.33
 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	BMH-22 is an RNA polymerase I inhibitor that acts by causing nucleolar stress and showing potent anticancer activity across many tumor types.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9788 mL	19.8942 mL	39.7883 mL
5 mM	0.7958 mL	3.9788 mL	7.9577 mL
10 mM	0.3979 mL	1.9894 mL	3.9788 mL
50 mM	0.0796 mL	0.3979 mL	0.7958 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

Peltonen K, Colis L, Liu H, Jäämaa S, Zhang Z, Af Hällström T, Moore HM, Sirajuddin P, Laiho M. Small molecule BMH-compounds that inhibit RNA polymerase I and cause nucleolar stress. Mol Cancer Ther. 2014 Nov;13(11):2537-46. doi: 10.1158/1535-7163.MCT-14-0256. Epub 2014 Oct 2. PubMed PMID: 25277384; PubMed Central PMCID: PMC4221476.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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