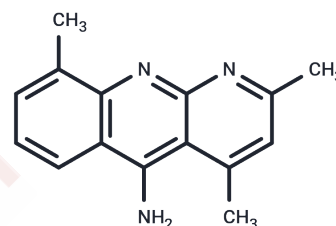


BMH-23

Chemical Properties

CAS No. : 510721-85-4
 Formula: C₁₅H₁₅N₃
 Molecular Weight: 237.3
 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-23 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	4.2141 mL	21.0704 mL	42.1408 mL
5 mM	0.8428 mL	4.2141 mL	8.4282 mL
10 mM	0.4214 mL	2.107 mL	4.2141 mL
50 mM	0.0843 mL	0.4214 mL	0.8428 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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