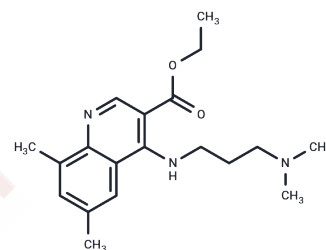


BMH-9

Chemical Properties

CAS No. : 457937-39-2
 Formula: C₁₉H₂₇N₃O₂
 Molecular Weight: 329.44
 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-9 is an RNA polymerase I inhibitor that acts by causing nucleolar stress and showing potent anticancer activity across many tumor types.
Targets(IC50)	Others,MDM-2/p53,Orphan Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0355 mL	15.1773 mL	30.3545 mL
5 mM	0.6071 mL	3.0355 mL	6.0709 mL
10 mM	0.3035 mL	1.5177 mL	3.0355 mL
50 mM	0.0607 mL	0.3035 mL	0.6071 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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