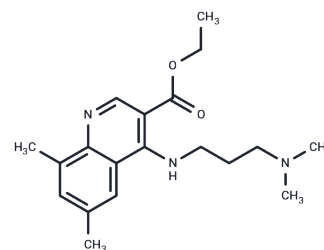


BMH-9

## Chemical Properties

CAS No. : 457937-39-2  
Formula: C<sub>19</sub>H<sub>27</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 329.44  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## 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. |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|

## 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.

## 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):

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