

BMH-7

Chemical Properties

CAS No. : 379247-14-0

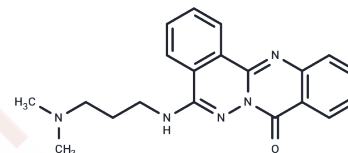
Formula: C₂₀H₂₁N₅O

Molecular Weight: 347.41

Store at low temperature

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-7 (Histamine H4 receptor antagonist-2) is a p53 activator with antitumor activity through activation of the p53 pathway.
Targets(IC50)	Histamine Receptor,p53
In vitro	BMH-7 activates ATM-dependent DNA damage signaling. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8784 mL	14.3922 mL	28.7844 mL
5 mM	0.5757 mL	2.8784 mL	5.7569 mL
10 mM	0.2878 mL	1.4392 mL	2.8784 mL
50 mM	0.0576 mL	0.2878 mL	0.5757 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, et al. Identification of novel p53 pathway activating small-molecule compounds reveals unexpected similarities with known therapeutic agents. PLoS One. 2010 Sep 27;5(9):e12996.

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