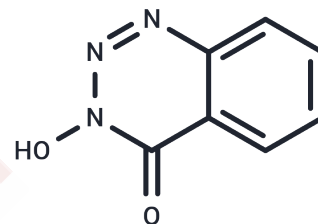


HODHBt

Chemical Properties

CAS No. :	28230-32-2
Formula:	C7H5N3O2
Molecular Weight:	163.13
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	HODHBt is a STAT5-SUMO protein-protein interaction inhibitor.
Targets(IC50)	HIV Protease,STAT

Solubility Information

Solubility	DMSO: 60 mg/mL (367.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 4 mg/mL (24.52 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1301 mL	30.6504 mL	61.3008 mL
5 mM	1.226 mL	6.1301 mL	12.2602 mL
10 mM	0.613 mL	3.065 mL	6.1301 mL
50 mM	0.1226 mL	0.613 mL	1.226 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

Bosque et al (2017) Benzotriazoles reactivate latent HIV-1 through inactivation of STAT5 SUMOylation. Cell Rep. 18 1324 PMID: 28147284

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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