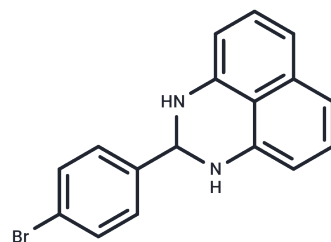


HepIn-13

Chemical Properties

CAS No. :	64369-13-7
Formula:	C ₁₇ H ₁₃ BrN ₂
Molecular Weight:	325.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	HepIn-13 is a hepsin inhibitor that acts by hindering prostate cancer bone metastasis.
Targets(IC50)	c-Met/HGFR
In vitro	HepIn-13 (10 µM; 2 hours; 293 cells) inhibits cleavage[1].
In vivo	HepIn-13 displays dose-dependent inhibition of Hepsin overexpression-relevant prostate cancer phenotypes in LPB-Tag/PB-Hepsin mice and blocks prostate cancer metastasis in this animal model.

Solubility Information

Solubility	DMSO: 60 mg/mL (184.50 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.075 mL	15.3752 mL	30.7503 mL
5 mM	0.615 mL	3.075 mL	6.1501 mL
10 mM	0.3075 mL	1.5375 mL	3.075 mL
50 mM	0.0615 mL	0.3075 mL	0.615 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

Tang X, et al. Targeted inhibition of cell-surface serine protease Hepsin blocks prostate cancer bone metastasis. *Oncotarget*. 2014;5(5):1352-1362.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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