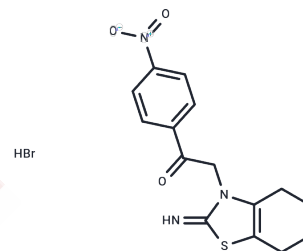


p-nitro-Pifithrin- α

Chemical Properties

CAS No. :	389850-21-9
Formula:	C ₁₅ H ₁₆ BrN ₃ O ₃ S
Molecular Weight:	398.27
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	p-nitro-Pifithrin- α is a cell-permeable analog of pifithrin- α , a potent p53 inhibitor. It suppresses p53-mediated TGF- β 1 expression in HK-2 cells and inhibits the activation of caspase-3 by Zika virus (ZIKV) strains. Moreover, p-nitro-Pifithrin- α attenuates steatosis and liver injury in mice subjected to a high-fat diet, mitigating the effects of non-alcoholic fatty liver disease [1] [2] [3] [4].
Targets(IC50)	Others,Caspase,TGF-beta/Smad,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5109 mL	12.5543 mL	25.1086 mL
5 mM	0.5022 mL	2.5109 mL	5.0217 mL
10 mM	0.2511 mL	1.2554 mL	2.5109 mL
50 mM	0.0502 mL	0.2511 mL	0.5022 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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