

## BPH-1358 mesylate

## Chemical Properties

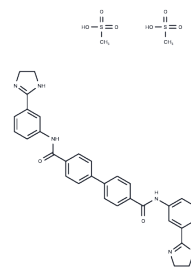
CAS No. :

Formula: C34H36N6O8S2

Molecular Weight: 720.82

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	BPH-1358 mesylate (NSC50460 mesylate), a highly effective inhibitor of both human farnesyl diphosphate synthase (FPPS) and undecaprenyl diphosphate synthase (UPPS), exhibits IC50 values of 1.8 $\mu$ M and 110 nM, respectively. Additionally, this compound demonstrates potent in vitro activity against <i>S. aureus</i> , with a minimum inhibitory concentration (MIC) approximately 250 ng/mL.
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3873 mL	6.9365 mL	13.8731 mL
5 mM	0.2775 mL	1.3873 mL	2.7746 mL
10 mM	0.1387 mL	0.6937 mL	1.3873 mL
50 mM	0.0277 mL	0.1387 mL	0.2775 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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