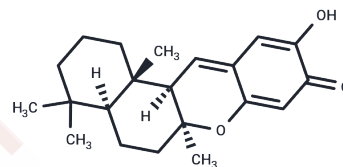


## Puupehenone

## Chemical Properties

CAS No. : 73573-17-8  
 Formula: C<sub>21</sub>H<sub>28</sub>O<sub>3</sub>  
 Molecular Weight: 328.45  
 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	Puupehenone is a natural heat shock protein 90 (Hsp90) inhibitor, potentiating the echinocandin drug caspofungin in caspofungin-resistant fungal pathogens, blocking the induction of caspofungin-responding genes required for the adaptation to cell wall stress through the cell wall integrity (CWI) pathway.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0446 mL	15.223 mL	30.446 mL
5 mM	0.6089 mL	3.0446 mL	6.0892 mL
10 mM	0.3045 mL	1.5223 mL	3.0446 mL
50 mM	0.0609 mL	0.3045 mL	0.6089 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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