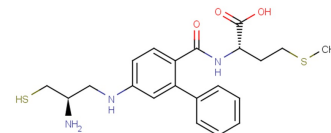


FTI 276

**Chemical Properties**

CAS No.: 170006-72-1  
Formula: C<sub>21</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>  
Molecular Weight: 433.59  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	FTI-276 is an inhibitor of protein farnesyltransferase (PFT) (IC <sub>50</sub> s: 0.9 and 0.5 nM for Plasmodium falciparum and human).
Targets(IC <sub>50</sub> )	0: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.306 mL	11.532 mL	23.063 mL
5 mM	0.461 mL	2.306 mL	4.613 mL
10 mM	0.231 mL	1.153 mL	2.306 mL
50 mM	0.046 mL	0.231 mL	0.461 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Chakrabarti D, et al. Protein farnesyltransferase and protein prenylation in Plasmodium falciparum. J Biol Chem. 2002 Nov 1; 277(44):42066-73. Epub 2002 Aug 22.

Inhibitors · Natural Compounds · Compound Libraries

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