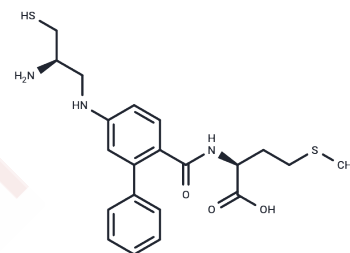


FTI 276

Chemical Properties

CAS No. : 170006-72-1
 Formula: C₂₁H₂₇N₃O₃S₂
 Molecular Weight: 433.59
 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	FTI-276 is an inhibitor of protein farnesyltransferase (PFT) (IC ₅₀ s: 0.9 and 0.5 nM for Plasmodium falciparum and human).
Targets(IC ₅₀)	Others,Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3063 mL	11.5316 mL	23.0633 mL
5 mM	0.4613 mL	2.3063 mL	4.6127 mL
10 mM	0.2306 mL	1.1532 mL	2.3063 mL
50 mM	0.0461 mL	0.2306 mL	0.4613 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.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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