

FTI 276 TFA

## Chemical Properties

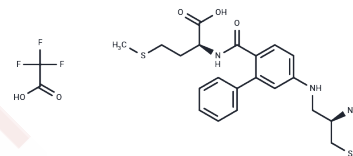
CAS No. : 1217471-51-6

Formula: C<sub>23</sub>H<sub>28</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight: 547.61

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 TFA is effective against plasmodium falciparum and humans. It is a protein-based neryltransferase (PFT) inhibitor with an IC <sub>50</sub> s of 0.9 nM and 0.5 nM, respectively.
Targets(IC <sub>50</sub> )	Others, Transferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8261 mL	9.1306 mL	18.2612 mL
5 mM	0.3652 mL	1.8261 mL	3.6522 mL
10 mM	0.1826 mL	0.9131 mL	1.8261 mL
50 mM	0.0365 mL	0.1826 mL	0.3652 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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