

## ATP synthase inhibitor 2 TFA

## Chemical Properties

CAS No. :

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

Molecular Weight: 496.5

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	ATP Synthase Inhibitor 2 (Compound 22) TFA is a potent inhibitor of Pseudomonas aeruginosa ATP synthase with an IC <sub>50</sub> value of 10 µg/mL. It effectively halts ATP synthesis in Pseudomonas aeruginosa at a concentration of 128 µg/mL [1].
Targets(IC <sub>50</sub> )	ATPase,Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0141 mL	10.0705 mL	20.141 mL
5 mM	0.4028 mL	2.0141 mL	4.0282 mL
10 mM	0.2014 mL	1.007 mL	2.0141 mL
50 mM	0.0403 mL	0.2014 mL	0.4028 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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