

FTR-1335

## Chemical Properties

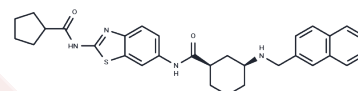
CAS No. : 851075-79-1

Formula: C31H34N4O2S

Molecular Weight: 526.69

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	FTR1335 is a CaNMT inhibitor (IC <sub>50</sub> = 0.49 nM) with good fungal selectivity. CaNMT inhibitors are fungicidal and show antifungal activity against Candida (especially fluconazole-resistant strains). They function by inhibiting N-myristoyltransferase (NMT), which catalyzes the transfer of a C14 fatty acid from myristoyl-CoA to the N-terminal of glycine in many fungal proteins. Without this process, fungi can die. This process also occurs in humans, and as such selectivity is an important characteristic of these drugs.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8987 mL	9.4933 mL	18.9865 mL
5 mM	0.3797 mL	1.8987 mL	3.7973 mL
10 mM	0.1899 mL	0.9493 mL	1.8987 mL
50 mM	0.038 mL	0.1899 mL	0.3797 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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