

WYFA-15

## Chemical Properties

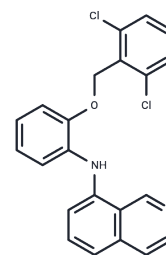
CAS No. :

Formula: C<sub>22</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>2</sub>O

Molecular Weight: 395.281

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	WYFA-15 is an inhibitor of sphingomyelin synthase 1 (SMS1) that has been shown to protect mice from lethal SFTSV infection and reduce the replication and pathogenicity of SARS-CoV-2. WYFA-15 is applicable for antiviral research.
Targets(IC50)	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5299 mL	12.6493 mL	25.2985 mL
5 mM	0.506 mL	2.5299 mL	5.0597 mL
10 mM	0.253 mL	1.2649 mL	2.5299 mL
50 mM	0.0506 mL	0.253 mL	0.506 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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