

## Neuraminidase-IN-16

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>35</sub>FN<sub>2</sub>O<sub>4</sub>

Molecular Weight: 458.57

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	Neuraminidase-IN-16 (Compound 43b) serves as a potent inhibitor of neuraminidase, demonstrating IC <sub>50</sub> values of 0.031, 0.15, 0.25, 0.60, 0.63, and 10.08 μM against neuraminidase from H5N1, H5N8, H1N1, H3N2, H5N1-H274Y, and H1N1-H274Y strains, respectively [1].
Targets(IC <sub>50</sub> )	Others, Influenza Virus

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1807 mL	10.9035 mL	21.8069 mL
5 mM	0.4361 mL	2.1807 mL	4.3614 mL
10 mM	0.2181 mL	1.0903 mL	2.1807 mL
50 mM	0.0436 mL	0.2181 mL	0.4361 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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