# Data Sheet (Cat.No.T8555)



## Neuraminidase-IN-1

## **Chemical Properties**

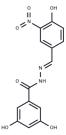
CAS No.: 2379438-80-7

Formula: C14H11N3O6

Molecular Weight: 317.25

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



# **Biological Description**

Description	Neuraminidase-IN-1 (Compound Y-1) is a novel neuraminidase inhibitor.	10
Targets(IC50)	Others,Influenza Virus	

## **Solubility Information**

Solubility	DMSO: 10 mg/mL (31.52 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1521 mL	15.7604 mL	31.5209 mL
5 mM	0.6304 mL	3.1521 mL	6.3042 mL
10 mM	0.3152 mL	1.576 mL	3.1521 mL
50 mM	0.063 mL	0.3152 mL	0.6304 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.

## Reference

Yu R, Cheng LP, Li M, et al. Discovery of Novel Neuraminidase Inhibitors by Structure-Based Virtual Screening, Structural Optimization, and Bioassay[J]. ACS Medicinal Chemistry Letters, 2019, 10(12):1667-1673.

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