

## Glucocerebrosidase-IN-1 hydrochloride

## Chemical Properties

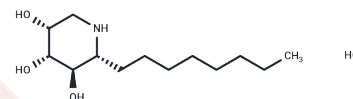
CAS No. : 2279945-77-4

Formula: C<sub>13</sub>H<sub>28</sub>ClNO<sub>3</sub>

Molecular Weight: 281.82

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	Glucocerebrosidase-IN-1 (compound 11a) hydrochloride is a potent and selective glucocerebrosidase (GCase) inhibitor with IC <sub>50</sub> of 29.3 μM and K <sub>i</sub> of 18.5 μM, used in the research of Gaucher disease (GD) and Parkinson's disease (PD) [1].
Targets(IC <sub>50</sub> )	Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5484 mL	17.7418 mL	35.4836 mL
5 mM	0.7097 mL	3.5484 mL	7.0967 mL
10 mM	0.3548 mL	1.7742 mL	3.5484 mL
50 mM	0.071 mL	0.3548 mL	0.7097 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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