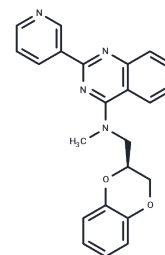


## Gcase activator 3

## Chemical Properties

CAS No. :	2270984-21-7
Formula:	C <sub>23</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	384.43
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	Gcase activator 3 is a glucocerebrosidase (GCase) activator, promoting increased GCase activity in GBA1 mutant fibroblasts. Gcase activator 3 is useful for studying Parkinson's disease.
Targets(IC50)	Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6013 mL	13.0063 mL	26.0125 mL
5 mM	0.5203 mL	2.6013 mL	5.2025 mL
10 mM	0.2601 mL	1.3006 mL	2.6013 mL
50 mM	0.052 mL	0.2601 mL	0.5203 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.

## Reference

Zheng J, et al. Conversion of Quinazoline Modulators from Inhibitors to Activators of  $\beta$ -Glucocerebrosidase. J Med Chem. 2019 Feb 14;62(3):1218-1230.

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