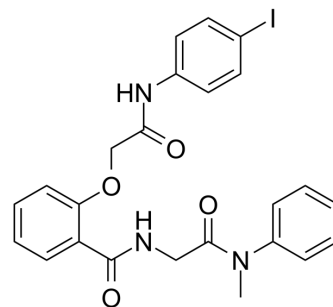


NCGC 607

Cat. No.: HY-120034
CAS No.: 1462267-07-7
Molecular Formula: C₂₄H₂₂IN₃O₄
Molecular Weight: 543.35
Target: Glucosidase
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (115.03 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8404 mL	9.2022 mL	18.4043 mL
	5 mM	0.3681 mL	1.8404 mL	3.6809 mL
	10 mM	0.1840 mL	0.9202 mL	1.8404 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

NCGC607 is a noninhibitory chaperone of glucocerebrosidase (Gcase)^[1].

REFERENCES

[1]. Aflaki E, et al. A New Glucocerebrosidase Chaperone Reduces α -Synuclein and Glycolipid Levels in iPSC-Derived Dopaminergic Neurons from Patients with Gaucher Disease and Parkinsonism. J Neurosci. 2016 Jul 13;36(28):7441-52.

Caution: Product has not been fully validated for medical applications. For research use only.

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