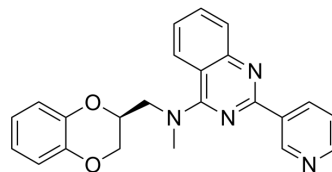


Gcase activator 3

Cat. No.:	HY-160426
CAS No.:	2270984-21-7
Molecular Formula:	C ₂₃ H ₂₀ N ₄ O ₂
Molecular Weight:	384.43
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gcase activator 3 (compound 9Q) is a glucosidase (Glucosidase, GCase) activator that can partially stabilize GCase and increase its activity. Gcase activator 3 reduces mutant GCase protein misfolding and degradation in fibroblasts and dopaminergic midbrain neurons. Gcase activator 3 can be used in the study of Parkinson's disease (PD) and related synucleinopathies^[1].

REFERENCES

[1]. Zheng J, et al. Conversion of Quinazoline Modulators from Inhibitors to Activators of β -Glucocerebrosidase. *J Med Chem.* 2019 Feb 14;62(3):1218-1230.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA