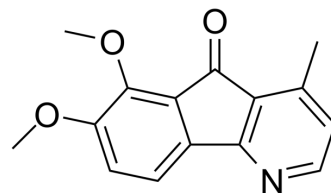


α-Glucosidase-IN-5

Cat. No.:	HY-147718
CAS No.:	111316-33-7
Molecular Formula:	C ₁₅ H ₁₃ NO ₃
Molecular Weight:	255.27
Target:	Glutaminase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	α-Glucosidase-IN-5 (compound 8) is a potent α-glucosidase inhibitor with an IC ₅₀ of 57.9 μM. α-Glucosidase-IN-5 has the potential for the research of diabetes mellitus ^[1] .
IC ₅₀ & Target	IC ₅₀ : 57.9 μM (α-glucosidase) ^[1] .

REFERENCES

[1]. Suthiphasilp V, et al. α-Glucosidase inhibitory and nitric oxide production inhibitory activities of alkaloids isolated from a twig extract of *Polyalthia cinnamomea*. *Bioorg Med Chem*. 2020 May 15;28(10):115462.

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