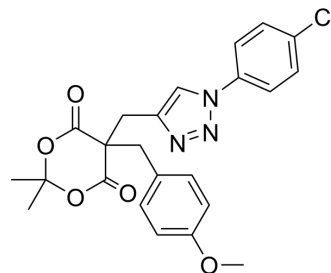


## $\alpha$ -Glucosidase-IN-26

Cat. No.:	HY-149332
Molecular Formula:	C <sub>23</sub> H <sub>22</sub> ClN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	455.89
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

$\alpha$ -Glucosidase-IN-26 (Compound 7i) is an  $\alpha$ -glucosidase inhibitor (IC<sub>50</sub>=4.63  $\mu$ M).  $\alpha$ -Glucosidase-IN-26 can be used in the study of type 2 diabetes mellitus (T2DM)<sup>[1]</sup>.

### REFERENCES

[1]. Avula SK, et al. Meldrum-Based-1H-1,2,3-Triazoles as Antidiabetic Agents: Synthesis, In Vitro  $\alpha$ -Glucosidase Inhibition Activity, Molecular Docking Studies, and In Silico Approach. ACS Omega. 2023 Jul 7;8(28):24901-24911.

**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