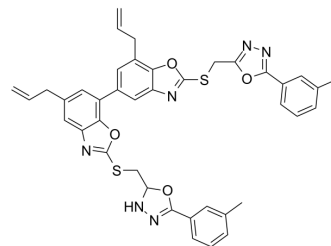


## $\alpha$ -Glucosidase-IN-7

Cat. No.:	HY-146156
Molecular Formula:	C <sub>40</sub> H <sub>34</sub> N <sub>6</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	726.87
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-7 is a noncompetitive $\alpha$ -glucosidase inhibitor with an IC <sub>50</sub> value of 18.9 $\mu$ M <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 18.9 $\mu$ M ( $\alpha$ -glucosidase) <sup>[1]</sup>
In Vitro	$\alpha$ -Glucosidase-IN-7 (Compound 7l) displays no cytotoxicity to normal cells (LO <sub>2</sub> ) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ting Xu, et al. Discovery of honokiol thioethers containing 1,3,4-oxadiazole moieties as potential  $\alpha$ -glucosidase and SARS-CoV-2 entry inhibitors. Bioorg Med Chem. 2022 Aug 1;67:116838.

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

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