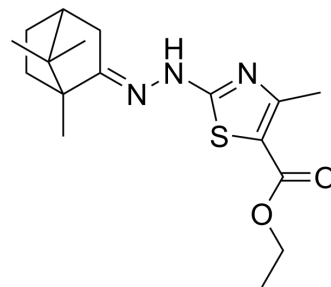


## $\alpha$ -Glucosidase-IN-39

Cat. No.:	HY-155372
Molecular Formula:	C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	335.46
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-39 is a potent inhibitor of  $\alpha$ -glucosidase enzyme with an IC<sub>50</sub> of 869.06 ppm.  $\alpha$ -Glucosidase-IN-39 can be used in study antidiabetic<sup>[1]</sup>.

### REFERENCES

[1]. Cahyana AH, et al. Synthesis of camphor thiazole derivatives from *Dryobalanops aromatica* and its bioactivity as antioxidants and antidiabetes against alpha glucosidase enzymes. *MethodsX*. 2023 Oct 10;11:102429.

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

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