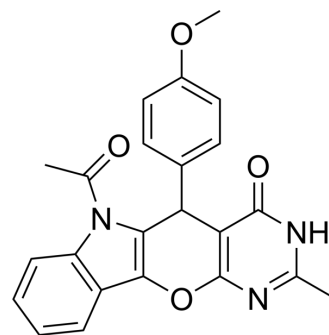


## $\alpha$ -Glucosidase-IN-45

Cat. No.:	HY-157311
Molecular Formula:	C <sub>23</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	401.41
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-45 (compound 11E) is an inhibitor of  $\alpha$ -glucosidase.  $\alpha$ -Glucosidase-IN-45 is a novel indol-fused pyrano[2,3-D]pyrimidine compound<sup>[1]</sup>.

### REFERENCES

[1]. Ha Thanh Nguyen, et al. Synthesis, in vitro A-Glucosidase, and acetylcholinesterase inhibitory activities of novel Indol-Fused Pyrano[2,3-D]Pyrimidine compounds. *Bioorg Med Chem Lett*. 2023.

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

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