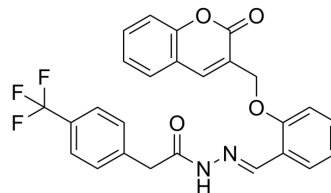


## $\alpha$ -Glucosidase-IN-33

Cat. No.:	HY-149532
Molecular Formula:	C <sub>26</sub> H <sub>19</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	480.44
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-33 (compound 7c) is a potent $\alpha$ -glucosidase inhibitor (IC <sub>50</sub> : 2.39 $\mu$ M) and can be used in the study of type 2 diabetes and hyperglycemia <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 2.39 $\mu$ M ( $\alpha$ -Glucosidase) <sup>[1]</sup>

### REFERENCES

[1]. Tariq HZ, et al. Synthesis of novel coumarin-hydrazone hybrids as  $\alpha$ -glucosidase inhibitors and their molecular docking studies. RSC Adv. 2023 Sep 4;13(37):26229-26238...

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

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