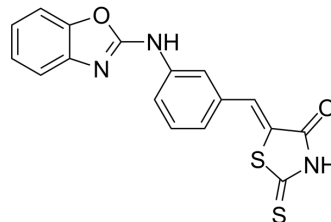


## α-Glucosidase-IN-2

Cat. No.:	HY-115978
CAS No.:	2699784-18-2
Molecular Formula:	C <sub>17</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	353.42
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

α-Glucosidase-IN-2 (compound 5d) is a potent α-Glucosidase inhibitor with an IC<sub>50</sub> of 9.48 μM. α-Glucosidase-IN-2 is an antidiabetic agent<sup>[1]</sup>.

### REFERENCES

[1]. Varinder Singh, et al. Benzoxazolyl linked benzylidene based rhodanine and analogs as novel antidiabetic agents: synthesis, molecular docking, and in vitro studies. Medicinal Chemistry Research volume 30, pages1905–1914 (2021).

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

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