



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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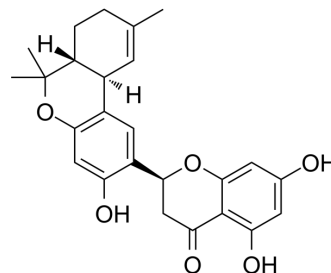
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## $\alpha$ -Glucosidase-IN-59

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N12721   |
| Molecular Formula: | C <sub>25</sub> H <sub>26</sub> O <sub>6</sub>  |
| Molecular Weight:  | 422.47  |
| 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-59 (Compound 5b) is an inhibitor for $\alpha$ -glucosidase with IC <sub>50</sub> of 1.16 $\mu$ M <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | IC <sub>50</sub> : 1.16 $\mu$ M ( $\alpha$ -Glucosidase)   |

### REFERENCES

[1]. Tian LL, et al., Bioassay-guided discovery and identification of new potent  $\alpha$ -glucosidase inhibitors from *Morus alba* L. and the interaction mechanism. *J Ethnopharmacol.* 2024 Mar 25;322:117645.

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

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