



# 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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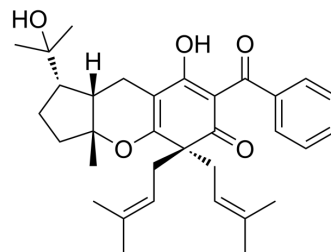
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## $\alpha$ -Glucosidase-IN-64

Cat. No.:	HY-162541
Molecular Formula:	C <sub>33</sub> H <sub>42</sub> O <sub>5</sub>
Molecular Weight:	518.68
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-64 (compound 10) is a potent $\alpha$ -glucosidase inhibitor with an IC <sub>50</sub> value of 8.62 $\mu$ M. $\alpha$ -Glucosidase-IN-64 is a polycyclic polyprenylated acylphloroglucinol that can be isolated from <i>hypericum bearii</i> <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 8.62 $\mu$ M ( $\alpha$ -glucosidase) <sup>[1]</sup>

### REFERENCES

[1]. Hu RD, et al. New  $\alpha$ -Glucosidase Inhibitors from the Whole Plant of *Hypericum bearii* Based on Ligand Fishing and Molecular Networking Analysis. *J Agric Food Chem.* 2024 May 22;72(20):11452-11464.

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

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