



# 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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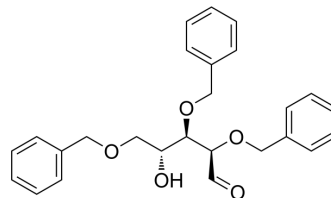
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## 2,3,5-Tri-O-benzyl-D-ribose

Cat. No.:	HY-W037200
CAS No.:	54623-25-5
Molecular Formula:	C <sub>26</sub> H <sub>28</sub> O <sub>5</sub>
Molecular Weight:	420.5
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2,3,5-Tri-O-benzyl-D-ribose (Compound 1) is an effective inhibitor of *Botrytis cinerea* chitin synthase (CHS) with an IC<sub>50</sub> value of 1.8 μM. 2,3,5-Tri-O-benzyl-D-ribose exhibits antifungal activity and is able to inhibit the *B. cinerea* BD90 strain, with a MIC value of 190 μM<sup>[1]</sup>.

### REFERENCES

[1]. Magellan H, et al. Discovery of two new inhibitors of *Botrytis cinerea* chitin synthase by a chemical library screening. *Bioorg Med Chem.* 2013;21(17):4997-5003.

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

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