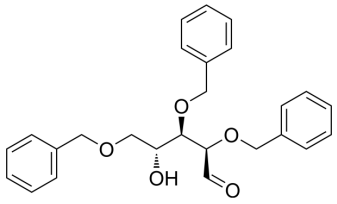
2,3,5-Tri-O-benzyl-D-ribose

Cat. No.:	HY-W037200
CAS No.:	54623-25-5
Molecular Formula:	$C_{26}H_{28}O_5$
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_{50} 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[1].

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.

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