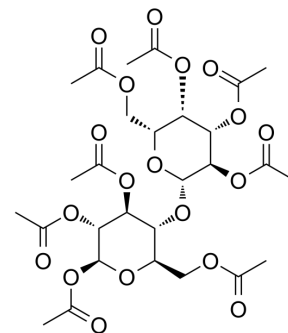


Lactose octaacetate

Cat. No.:	HY-W008864
CAS No.:	6291-42-5
Molecular Formula:	C ₂₈ H ₃₈ O ₁₉
Molecular Weight:	678.59
Target:	Antibiotic; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lactose octaacetate shows mild to moderate antifungal activity against some fungi, but it has low or no activity against bacteria and yeast. Lactose octaacetate shows low cytotoxicity to MDBK cells, Hep-2 and MDCK cells. Lactose octaacetate has antiviral activity against PV-1^[1].

REFERENCES

[1]. Arabadzhieva R et al. Microwave-Assisted Synthesis of Lactose Acetates with Antimicrobial, Cytotoxic, and Antiviral Properties[J]. 2021

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

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