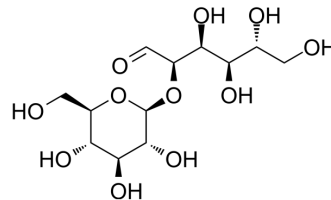


Sophorose

Cat. No.:	HY-119445
CAS No.:	534-46-3
Molecular Formula:	C ₁₂ H ₂₂ O ₁₁
Molecular Weight:	342.3
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sophorose is a disaccharide component of microbial glycolipids produced by yeast called sophorolipids. Due to their hydrophobic nature, sophorolipids are commonly used as biosurfactants. Sophorolipids also exhibit antibacterial, antifungal, spermicidal, virucidal, and anticancer activities. Sophorose has been identified as a potent inducer of cellulase gene expression in *Trichoderma reesei* fermentation studies.

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

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