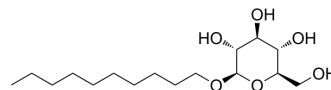


## Decyl $\beta$ -D-glucopyranoside

Cat. No.:	HY-W127628
CAS No.:	58846-77-8
Molecular Formula:	C <sub>16</sub> H <sub>32</sub> O <sub>6</sub>
Molecular Weight:	320.42
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Decyl $\beta$ -D-glucopyranoside is a nonionic surfactant commonly used in biochemical and molecular biology research. It can be used for the extraction, purification and structural analysis of cell membranes, and is widely used in the fields of proteomics and genetic engineering. In addition, this compound is also used as an auxiliary reagent and dehydrating agent in some biochemical experiments.
<b>In Vitro</b>	Decyl $\beta$ -D-glucopyranoside is a glucofuran that interacts with bovine serum albumin (BSA). Decyl $\beta$ -D-glucopyranoside has the ability to quench intrinsic fluorescence by forming a complex with BSA <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wang G, et al. Exploration of interactions between decyl- $\beta$ -D-glucopyranoside and bovine serum albumin in aqueous solution[J]. RSC advances, 2016, 6(24): 19700-19706.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA