



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

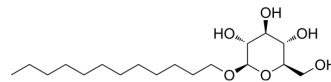
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Dodecyl β -D-glucopyranoside

Cat. No.:	HY-W142692
CAS No.:	59122-55-3
Molecular Formula:	C ₁₈ H ₃₆ O ₆
Molecular Weight:	348.47
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dodecyl β -D-glucopyranoside is a non-ionic detergent and surfactant commonly used to solubilize and purify membrane proteins in biochemical research. Dodecyl β -D-glucopyranoside also interacts with bovine serum albumin (BSA) to quench its intrinsic fluorescence. The critical micelle concentration (CMC) of Dodecyl β -D-glucopyranoside (DG) and DG/BSA complex is 2.0 mM and 2.34 mM, respectively. Micelles can be formed in aqueous solutions above this concentration^[1].

REFERENCES

[1]. Wang G, et al. Exploration of interactions between decyl- β -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