



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

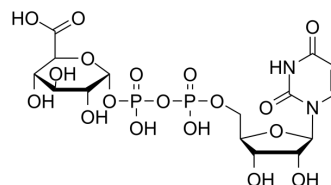
mail@szabo-scandic.com

www.szabo-scandic.com

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

Uridine diphosphate glucuronic acid

Cat. No.:	HY-125954
CAS No.:	2616-64-0
Molecular Formula:	C ₁₅ H ₂₂ N ₂ O ₁₈ P ₂
Molecular Weight:	580.29
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Uridine diphosphate glucuronic acid (UDP- α -D-glucuronic acid) is a cofactor that is formed by the catalytic activity of UDP-glucose dehydrogenase. Uridine diphosphate glucuronic acid is a central precursor in sugar nucleotide biosynthesis and common substrate for C4-epimerases and decarboxylases releasing UDP-galacturonic acid (UDP-GalA) and UDP-pentose products, respectively. Uridine diphosphate glucuronic acid as a glucuronic acid donor, can be used for for the research of the conjugation of bilirubin in the endoplasmic reticulum ^{[1][2]} .
IC₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Annika J E Borg, et al. Mechanistic characterization of UDP-glucuronic acid 4-epimerase. FEBS J. 2021 Feb;288(4):1163-1178.

[2]. DUTTON GJ. Uridine diphosphate glucuronic acid as glucuronyl donor in the synthesis of ester, aliphatic and steroid glucuronides. Biochem J. 1956 Dec;64(4):693-701.

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