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

UDP-GalNAc disodium

Cat. No.: HY-114365

CAS No.: 108320-87-2

Molecular Formula: $C_{17}H_{25}N_3Na_2O_{17}P_2$

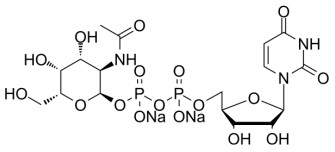
Molecular Weight: 651.32

Target: Endogenous Metabolite

Pathway: Metabolic Enzyme/Protease

Storage: -20°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 125 mg/mL (191.92 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.5353 mL	7.6767 mL	15.3534 mL
	5 mM	0.3071 mL	1.5353 mL	3.0707 mL
	10 mM	0.1535 mL	0.7677 mL	1.5353 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

UDP-GalNAc (UDP-N-acetyl-D-galactosamine) disodium is a sugar nucleotide and a substrate of EpsC115. EpsC115 is an exopolymeric substances (EPS) N-terminal deletion mutant with the residue 1-115 deletion. UDP-GalNAc UDP-GalNAc is the donor substrate of many N-acetylgalactosaminyltransferases, enzymes which transfer GalNAc from the nucleotide sugar to a saccharide or peptide acceptor[1].

REFERENCES

[1]. Kaundinya CR, et al. In vitro characterization of N-terminal truncated EpsC from Bacillus subtilis 168, a UDP-N-acetylglucosamine 4,6-dehydratase. Arch Biochem Biophys. 2018 Nov 1;657:78-88.

[2]. Hang HC, et al. Probing glycosyltransferase activities with the Staudinger ligation. J Am Chem Soc. 2004 Jan 14;126(1):6-7.

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