



SZABO SCANDIC

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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

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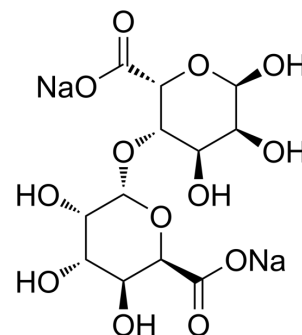
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L-Diguluronic acid disodium

Cat. No.:	HY-N7701E
CAS No.:	1883438-76-3
Molecular Formula:	C ₁₂ H ₁₆ Na ₂ O ₁₃
Molecular Weight:	414.23
Target:	Fungal
Pathway:	Anti-infection
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (241.41 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.4141 mL	12.0706 mL	24.1412 mL
	5 mM		0.4828 mL	2.4141 mL	4.8282 mL
	10 mM		0.2414 mL	1.2071 mL	2.4141 mL

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

BIOLOGICAL ACTIVITY

Description

L-Diguluronic acid disodium is a linear polysaccharide copolymer composed of two L-guluronic acid. L-Diguluronic acid disodium can be used to form Alginate. L-Diguluronic acid disodium is a generic name of unbranched polyanionic polysaccharides and it can be used for the research of antifungal agents delivery carries^[1].

REFERENCES

[1]. Spadari CC, et al. Potential Use of Alginate-Based Carriers As Antifungal Delivery System. Front Microbiol. 2017 Jan 30;8:97.

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

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