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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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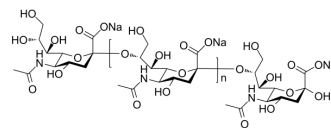
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Colominic acid sodium salt

Cat. No.:	HY-N7476
CAS No.:	70431-34-4
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	4°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 ₂ O : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Colominic acid sodium salt (Polysialic acid sodium salt) could be naturally isolated from the cell wall of Escherichia coli and animals, gives a red color which has an absorption maximum at 530 nm. Colominic acid sodium salt (Polysialic acid sodium salt) possesses anti-bacterial activity ^{[1][2]} .
In Vitro	Colominic acid (Polysialic acid) is an form of N-glycosylation with great specificity for its limited central nervous system targets, including the cell adhesion molecules neural cell adhesion molecule (NCAM) and synaptic cell adhesion molecule 1 (SynCAM1), and the receptor, neuropilin-2 ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Guy T. Barry, et al. COLOMINIC ACID, A POLYMER OF N-ACETYLNEURAMINIC ACID. J Exp Med. 1958 Apr 1;107(4):507-21.
- [2]. Osama I Alwassil, et al. Design, synthesis, and structural elucidation of novel NmeNANAS inhibitors for the treatment of meningococcal infection. PLoS One. 2019 Oct 16;14(10):e0223413.

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

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