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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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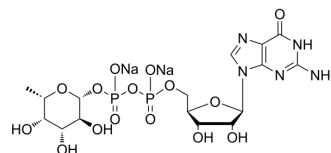
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GDP-L-fucose disodium

Cat. No.:	HY-134433A
CAS No.:	148296-47-3
Molecular Formula:	C ₁₆ H ₂₃ N ₅ Na ₂ O ₁₅ P ₂
Molecular Weight:	633.31
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

GDP-L-fucose disodium is a nucleotide sugar that is a key substrate for the biosynthesis of fucose oligosaccharides. GDP-L-fucose disodium provides the fucose moiety for the oligosaccharides. The formation of GDP-L-fucose disodium occurs through two pathways, the major de novo metabolic pathway and the minor remedial metabolic pathway^[1].

REFERENCES

[1]. Weiyang Wang, et al. Cell-free enzymatic synthesis of GDP-L-fucose from mannose. *AMB Express*. 2019 May 27;9(1):74.

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

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