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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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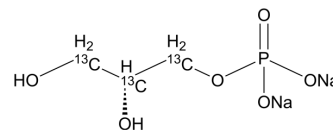
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sn-Glycerol 3-phosphate-¹³C disodium

Cat. No.: HY-113128S
Molecular Formula: ¹³C₃H₇Na₂O₆P
Molecular Weight: 219.02
Target: Isotope-Labeled Compounds
Pathway: Others
Storage: -20°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (570.72 mM; Need ultrasonic and warming)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.5658 mL	22.8290 mL	45.6579 mL
	5 mM		0.9132 mL	4.5658 mL	9.1316 mL
	10 mM		0.4566 mL	2.2829 mL	4.5658 mL

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

BIOLOGICAL ACTIVITY

Description

sn-Glycerol 3-phosphate-¹³C₃ disodium is the ¹³C-labeled sn-Glycerol 3-phosphate disodium. sn-Glycerol 3-phosphate disodium is produced by cytosolic glycerol 3-phosphate dehydrogenase pathway through the reduction of dihydroxyacetone phosphate using NADH formed during glycolysis^[1].

REFERENCES

[1]. Crans DC, et al. Glycerol kinase: synthesis of dihydroxyacetone phosphate, sn-glycerol-3-phosphate, and chiral analogs. Journal of the American Chemical Society, 1985, 107(24): 7019-7027.

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

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