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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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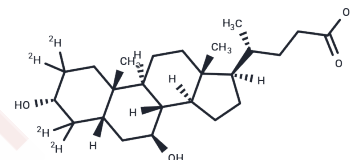
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Ursodeoxycholic Acid-d4

Chemical Properties

CAS No. :	347841-46-7
Formula:	C ₂₄ H ₄₀ O ₄
Molecular Weight:	396.6
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ursodeoxycholic Acid-d4 (Ursodeoxycholic acid-2,2,4,4-d4) is the deuterium substitute of Ursodeoxycholic acid, and is an internal standard for the quantitative determination of Ursodeoxycholic Acid (UDCA) levels by LC/MS or GC/MS.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 1 mg/mL (2.52 mM) DMSO: 8 mg/mL (20.17 mM), Sonication is recommended. DMF: 8 mg/mL (20.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5214 mL	12.6072 mL	25.2143 mL
5 mM	0.5043 mL	2.5214 mL	5.0429 mL
10 mM	0.2521 mL	1.2607 mL	2.5214 mL
50 mM	0.0504 mL	0.2521 mL	0.5043 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

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