

## **Certificate of Analysis**

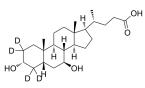
## Ursodeoxycholic acid-2,2,4,4-d<sub>4</sub>

Cat. No.:	HY-113478S
CAS No.:	347841-46-7
Batch No.:	312416
Chemical Name:	Cholan-24-oic-2,2,4,4-d4 acid, 3,7-dihydroxy-, (3α,5β,7β)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>24</sub> H <sub>36</sub> D <sub>4</sub> O <sub>4</sub>
Molecular Weight:	396.60
Storage:	-20°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months: -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 



## **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.52%
Isotopic Enrichment:	99.40%
Conclusion:	The product has been tested and complies with the given specifications.

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

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