

## Tauroursodeoxycholic Acid-D4 Sodium Salt

### Chemical Properties

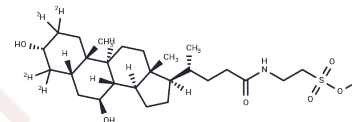
CAS No. :

Formula: C<sub>26</sub>H<sub>40</sub>D<sub>4</sub>NNaO<sub>6</sub>S

Molecular Weight: 525.71

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



### Biological Description

#### Description

Tauroursodeoxycholic Acid-D4 Sodium Salt is a deuterated compound of Tauroursodeoxycholic Acid Sodium Salt. Tauroursodeoxycholic Acid Sodium Salt (T2532) has a CAS number of 14605-22-2. Tauroursodeoxycholate, also known as ursodoxicoltaurine, is a highly hydrophilic tertiary bile acid that is produced in humans at a low concentration. Tauroursodeoxycholate is the more hydrophilic form of ursodeoxycholic acid, which is the more abundant naturally produced bile acid in humans. Tauroursodeoxycholate is being investigated for use in several conditions such as Primary Biliary Cirrhosis (PBC), insulin resistance, amyloidosis, Cystic Fibrosis, Cholestasis, and Amyotrophic Lateral Sclerosis.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9022 mL	9.5109 mL	19.0219 mL
5 mM	0.3804 mL	1.9022 mL	3.8044 mL
10 mM	0.1902 mL	0.9511 mL	1.9022 mL
50 mM	0.038 mL	0.1902 mL	0.3804 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

1. Paolini M, et al. Hepatology. 1999 Sep;30(3):730-9.

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