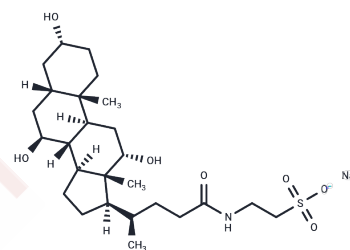


## Tauroursocholic Acid sodium salt

### Chemical Properties

CAS No. : 17515-36-5  
 Formula: C<sub>26</sub>H<sub>44</sub>NNaO<sub>7</sub>S  
 Molecular Weight: 537.69  
 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	Tauroursocholic acid (TUCA) is the taurine-conjugated derivative of ursocholic acid and serves as the 7β-hydroxy epimer of taurocholic acid (TCA). Unlike TCA, TUCA does not inhibit HMG-CoA reductase or the cytochrome P450 (CYP) isoform CYP7A1, also known as cholesterol 7α-hydroxylase. Elevated bile levels of TUCA are observed in patients with biliary tract cancer compared to those with benign biliary conditions.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8598 mL	9.299 mL	18.5981 mL
5 mM	0.372 mL	1.8598 mL	3.7196 mL
10 mM	0.186 mL	0.9299 mL	1.8598 mL
50 mM	0.0372 mL	0.186 mL	0.372 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.

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