

## Product Datasheet

### Tauroursocholic Acid sodium salt (orb3023838)

<b>Catalog Number</b>	orb3023838
<b>Category</b>	Small Molecules
<b>Description</b>	Tauroursocholic acid (TUCA) is the taurine-conjugated derivative of ursocholic acid and serves as the 7 $\beta$ -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 7 $\alpha$ -hydroxylase. Elevated bile levels of TUCA are observed in patients with biliary tract cancer compared to those with benign biliary conditions.
<b>Target</b>	Others
<b>MW</b>	537.69
<b>CAS Number</b>	17515-36-5
<b>Formula</b>	C <sub>26</sub> H <sub>44</sub> NNaO <sub>7</sub> S
<b>SMILES</b>	O[C@@H]1[C@@]2([H])[C@@]3([H])[C@@]([C@@](CC3)([H])[C@H](C)CCC(NCCS(=O)([O-])=O)([O-])=O)[C@H](C[C@]2([H])[C@@]4[C@](C[C@@H](CC4)O)([H])C1)C)O)C.[Na+]
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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