

## Product Datasheet

### Cholic acid sodium hydrate (orb1982004)

<b>Catalog Number</b>	orb1982004
<b>Category</b>	Small Molecules
<b>Description</b>	Cholic acid sodium hydrate is a primary bile acid that facilitates fat absorption and cholesterol excretion. It is widely used in research on lipid metabolism, digestive physiology, and as a critical reagent for in vitro studies of bile acid transporters and nuclear receptor signaling (e.g., FXR).
<b>Target</b>	Endogenous Metabolite
<b>Purity</b>	99.88%
<b>MW</b>	448.57
<b>Target Areas</b>	Endogenous Metabolite
<b>CAS Number</b>	206986-87-0
<b>Formula</b>	$C_{24}H_{41}NaO_6$
<b>SMILES</b>	<chem>O[C@H]1[C@@]2([H])[C@@]3([H])[C@@]([C@@](CC3)([H])[C@H](C)CCC([O-])=O)([C@H](C[C@]2([H])[C@@]4([C@](C[C@@H](CC4)O)([H])C1)C)O)C.[Na+].OxH2O</chem>
<b>Storage</b>	keep away from moisture   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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