

## Taurohyocholic Acid (sodium salt) Biochemical

Taurohyocholic Acid (sodium salt)

CATALOG #  
**AAA227347**

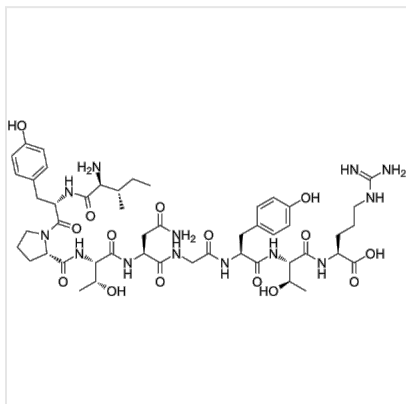
### PRODUCT SYNONYMS

Taurohyocholic Acid (sodium salt); Taurohyocholic Acid (sodium salt) biochemical

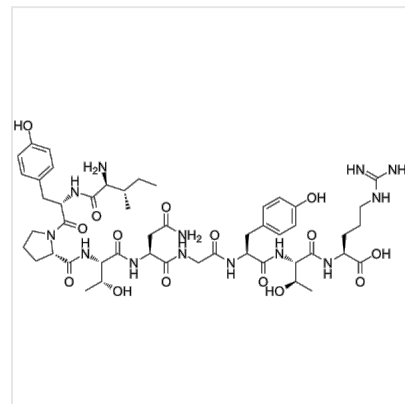
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                              |
| Solubility              | Ethanol: 20 mg/mL<br><br>DMF:PBS(pH 7.21:1): 0.5 mg/mL<br><br>DMSO: 20 mg/mL<br><br>DMF: 30 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                         |

### IMAGES



Structure  
IYPTNGYTR, CAS 1431957-72-0



Structure  
IYPTNGYTR, CAS 1431957-72-0

### ADDITIONAL INFORMATION

|                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for<br><b>Taurohyocholic Acid (sodium salt)<br/>biochemical</b> | Taurohyocholic acid (THCA) is a taurine-conjugated form of the porcine-specific primary bile acid hyocholic acid.1THCA inhibits precipitation of cholesterol crystals by stabilizing cholesterol in the liquid-crystalline phase.2It prevents cholestasis and cellular necrosis induced by tauroolithocholic acid in isolated rat livers.3THCA levels are increased in the urine of patients with hepatitis B-induced cirrhosis.4 |
| References                                                                                  | 1. Bults P, et, al. LC-MS/MS-Based Monitoring of In Vivo Protein Biotransformation: Quantitative Determination of Trastuzumab and Its Deamidation Products in Human Plasma. Anal Chem. 2016 Feb 2;88(3):1871-7.                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/biochemical/taurohyocholic-acid-sodium-salt/227347>