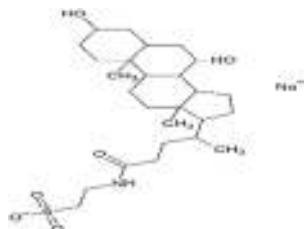


Sodium tauroursodeoxycholate

ALTERNATE NAME: TUDCA
3 α ,7 β -dihydroxy-5 β -cholanoyl Taurine
2-[[[(3 α ,5 β ,7 β)-3,7-dihydroxy-24-oxocholan-24-yl]amino]-ethanesulfonic acid, monosodium salt

CATALOG #: B3275-50 50 mg
B3275-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₄₄NO₆S • Na

MOLECULAR WEIGHT: 521.69

CAS NUMBER: 35807-85-3

APPEARANCE: White to off-white solid

PURITY: \geq 98%

SOLUBILITY: >100 mg/ml Water
>100 mg/ml DMSO

DESCRIPTION: Tauroursodeoxycholic acid (TUDCA) is a taurine-conjugated form of the secondary bile acid ursodeoxycholic acid. TUDCA is found in small quantities in human bile but at a higher concentration in the bile of black bears. It acts as an endoplasmic reticulum (ER) stress inhibitor. Tauroursodeoxycholate significantly reduces expression of apoptosis molecules, such as caspase-3 and caspase-12.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Chenodeoxycholic acid (2831)
Taurocholic acid sodium salt (2829)
CHAPS, High Purity (1545)
Sodium deoxycholate (2830)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*