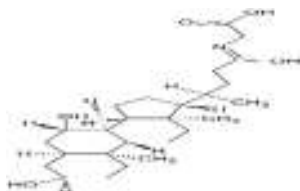


Glycoursodeoxycholic acid

ALTERNATE NAME: 2-[[[(4R)-4-[(3R,5S,7S,8R,9S,10S,13R,14S,17R)-3,7-dihydroxy-10,13-dimethyl-2,3,4,5,6,7,8,9,11,12,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl]pentanoyl]amino]acetic acid
GUDCA

CATALOG #: B3276-100 100 mg
B3276-500 500 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₄₃NO₅

MOLECULAR WEIGHT: 449.62

CAS NUMBER: 64480-66-6

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: Glycoursodeoxycholic acid (GUDCA) is a glycine-conjugated form of the secondary bile acid ursodeoxycholic acid. It displays antioxidant effects in vitro in Barrett's esophagus cells and primary cultured rat neurons. GUDCA reduces the levels of inflammatory cytokines and prevents cell death induced by unconjugated bilirubin in an astroglial cell model of neonatal hyperbilirubinemia. It also reduces matrix metalloproteinase-9 and caspase-9 activation in a cellular model of superoxide dismutase-1 neurodegeneration.

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:

Taurocholic acid sodium salt (2829)
Sodium taurodeoxycholate (B3274)
Chenodeoxycholic acid (2831)
Sodium tauroursodeoxycholate (B3275)

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