

Sodium taurodeoxycholate

ALTERNATE NAME:	2-[[[(3 α ,5 β ,12 α)-3,12-dihydroxy-24-oxocholan-24-yl]amino]-ethanesulfonic acid, monosodium salt Taurocholic acid sodium
CATALOG #:	B3274-1G 1 g B3274-5G 5 g
MOLECULAR FORMULA:	C ₂₆ H ₄₄ NNaO ₆ S
MOLECULAR WEIGHT:	522.69
CAS NUMBER:	1180-95-6
APPEARANCE:	White to off-white solid
PURITY:	≥97%
SOLUBILITY:	~100 mg/ml Water
DESCRIPTION:	Taurodeoxycholic acid is a taurine-conjugated form of the secondary bile acid deoxycholic acid. Acts as a useful detergent for the solubilization of lipids and membrane-bound proteins. Taurodeoxycholic acid stimulates chloride ion secretion through calcium-activated chloride ion channels and cystic fibrosis transmembrane conductance regulator (CFTR) in Calu-3 airway epithelial cell monolayers when applied basolaterally.
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:	CHAPS, High Purity (1545) Sodium deoxycholate (2830) Chenodeoxycholic acid (2831) Taurocholic acid sodium salt (2829)
DISCLAIMER:	FOR RESEARCH USE ONLY! Not to be used on humans.