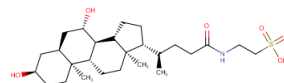


Product Name : Tauroursodeoxycholic Acid
Synonyms : 3 α ,7 β -dihydroxy-5 β -cholanoyl Taurine; TUDCA; UR-906
Cat No. : M11983
CAS Number : 14605-22-2
Molecular Formula : C₂₆H₄₅NO₆S
Formula Weight : 499.70
Chemical Name : —



Description : Tauroursodeoxycholic acid is the more hydrophilic form of ursodeoxycholic acid, which is the more abundant naturally produced bile acid in humans. Tauroursodeoxycholic acid, on the other hand, is produced abundantly in bears and has been used for centuries as a natural remedy in some Asian countries. Tauroursodeoxycholic acid is being investigated for use in several conditions such as Primary Biliary Cirrhosis (PBC), insulin resistance, amyloidosis, Cystic Fibrosis, Cholestasis, and Amyotrophic Lateral Sclerosis. The only completed clinical trial thus far is a phase III clinical trial comparing tauroursodeoxycholic acid and ursofalk in PBC adult patients, but as of June 2013 no results of this trial have been published.

Pathway : Metabolic Enzyme/Protease

Target : P450

Receptor : CYP3A

Solubility : DMSO: 10 mM

SMILES : C[C@H](CCC(=O)NCCS(=O)(=O)O)[C@H]1CC[C@@H]2[C@@]1(CC[C@H]3[C@H]2[C@H](C[C@H]4[C@@]3CC[C@H](C4)O)C)O)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Paolini M, et al. Hepatology. 1999 Sep;30(3):730-9.