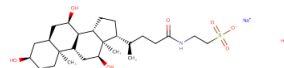


Product Name : Taurocholic acid sodium salt hydrate

Synonyms : —

Cat No. : M14187

CAS Number : 345909-26-4



Molecular Formula : C₂₆H₄₄NNaO₇S·xH₂O

Formula Weight : 537.68

Chemical Name : —

Description : The product of conjugation of cholic acid with taurine. the sodium salt is the chief ingredient of the bile of carnivorous animals. It acts as a detergent to solubilize fats for absorption and is itself absorbed. It is used as a cholagogue and cholorectic.

Pathway : Membrane Transporter/Ion Channel

Target : Other Targets

Receptor : Gastrotropin; Bile salt-activated lipase

Solubility : Water: >5mM

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

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Khatun Z, et al. J Control Release. 2014 Mar 10;177:64-73.