Data Sheet (Cat.No.T37846)



Taurohyocholic Acid (sodium salt)

Chemical Properties

CAS No.:

Formula:

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Taurohyocholic acid (THCA) is a taurine-conjugated form of the porcine-specific primary
	bile acid hyocholic acid .1THCA inhibits precipitation of cholesterol crystals by stabilizing
	cholesterol in the liquid-crystalline phase.2It prevents cholestasis and cellular necrosis
	induced by taurolithocholic acid in isolated rat livers.3THCA levels are increased in the
	urine of patients with hepatitis B-induced cirrhosis.4

Solubility Information

Solubility	Ethanol: 20 mg/mL
	DMF: 30 mg/mL
	DMF:PBS(pH 7.2)(1:1): 0.5 mg/mL
	DMSO: 20 mg/mL

(< 1 mg/ml refers to the product slightly soluble or insoluble)

Reference

Wahlstr?m, A., Sayin, S.I., Marschall, H.-I., et al.Intestinal crosstalk between bile acids and microbiota and its impact on host metabolismCell Metab.24(1)41-50(2016)

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