

Bilirubin ditaurine

Chemical Properties

CAS No. :	89771-93-7
Formula:	C37H46N6O10S2
Molecular Weight:	798.93
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

Biological Description

Description	Bilirubin ditaurine is a synthetic analog of conjugated bilirubin that can completely inhibit oxidation of phosphatidylcholine induced by peroxy radicals in multilayer liposomes or micelles. While bilirubin ditaurine itself does not significantly decompose 18:2-OOH, it greatly accelerates copper ion-catalyzed decomposition of 18:2-OOH. Bilirubin ditaurine is useful for studying the detoxification effects of conjugated bilirubin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2517 mL	6.2584 mL	12.5167 mL
5 mM	0.2503 mL	1.2517 mL	2.5033 mL
10 mM	0.1252 mL	0.6258 mL	1.2517 mL
50 mM	0.025 mL	0.1252 mL	0.2503 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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