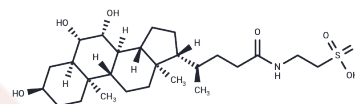


Tauro- β -muricholic acid

Chemical Properties

CAS No. :	25696-60-0
Formula:	C ₂₆ H ₄₅ N ₇ O ₇ S
Molecular Weight:	515.7
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	Tauro- β -muricholic acid (TBMCA), a trihydroxylated bile acid, serves as a competitive and reversible FXR antagonist (IC ₅₀ = 40 μ M) and demonstrates antiapoptotic effects by preventing bile acid-induced hepatocellular apoptosis and maintaining mitochondrial membrane potential [1][2].
Targets(IC ₅₀)	Apoptosis,FXR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9391 mL	9.6956 mL	19.3911 mL
5 mM	0.3878 mL	1.9391 mL	3.8782 mL
10 mM	0.1939 mL	0.9696 mL	1.9391 mL
50 mM	0.0388 mL	0.1939 mL	0.3878 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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