

S 0960

Chemical Properties

CAS No. : 142974-51-4

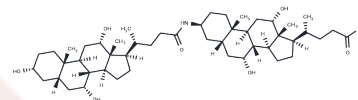
Formula: C₄₈H₇₉N₀O₈

Molecular Weight: 798.14

Keep away from moisture

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	S 0960 is a dimeric bile acid analog, a specific inhibitor of the sodium-dependent bile salt transporter in the ileum, used in metabolic disease research.
Targets(IC50)	ASBT
In vitro	S 0960 is a specific inhibitor of sodium-dependent bile salt transporter (ASBT) with an IC50 of 5.8 µmol/L. [1]
In vivo	S 0960 (10 mg/kg) was injected intravenously to affect H-taurocholate reabsorption in rats. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2529 mL	6.2646 mL	12.5291 mL
5 mM	0.2506 mL	1.2529 mL	2.5058 mL
10 mM	0.1253 mL	0.6265 mL	1.2529 mL
50 mM	0.0251 mL	0.1253 mL	0.2506 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.

Reference

Schlattjan JH, et al. Effect of the dimeric bile acid analogue S 0960, a specific inhibitor of the apical sodium-dependent bile salt transporter in the ileum, on the renal handling of taurocholate. *Arzneimittelforschung*. 2003; 53(12):837-43.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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