

Thevetin B

Chemical Properties

CAS No. : 27127-79-3

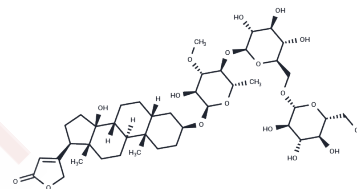
Formula: C42H66O18

Molecular Weight: 858.96

Storage: Store at low temperature, Keep away from direct sunlight

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	Thevetin B is a cardiac glycoside and an inhibitor of Na ⁺ -, K ⁺ -dependent adenosinetriphosphatase (Na ⁺ ,K ⁺ -ATPase) from Thevetia peruviana.
Targets(IC50)	ATPase,Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1642 mL	5.821 mL	11.642 mL
5 mM	0.2328 mL	1.1642 mL	2.3284 mL
10 mM	0.1164 mL	0.5821 mL	1.1642 mL
50 mM	0.0233 mL	0.1164 mL	0.2328 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

Kohls S, et al. Method validation of a survey of thevetia cardiac glycosides in serum samples. Forensic Sci Int. 2012 Feb 10;215(1-3):146-51.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481