

Tryptocalline A

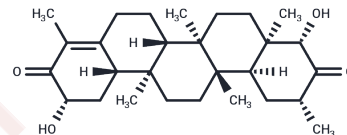
Chemical Properties

CAS No. : 201534-10-3

Formula: C₂₈H₄₂O₄

Molecular Weight: 442.63

Storage: Keep away from direct sunlight, Keep away from moisture, Store at low temperature
 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	Tryptocalline A, a compound from <i>Salacia chinensis</i> , inhibits rat lens aldose reductase.
Targets(IC50)	Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2592 mL	11.2961 mL	22.5922 mL
5 mM	0.4518 mL	2.2592 mL	4.5184 mL
10 mM	0.2259 mL	1.1296 mL	2.2592 mL
50 mM	0.0452 mL	0.2259 mL	0.4518 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

Morikawa T, Kishi A, Pongpiriyadacha Y, Matsuda H, Yoshikawa M. Structures of new friedelane-type triterpenes and eudesmane-type sesquiterpene and aldose reductase inhibitors from *Salacia chinensis*. *J Nat Prod.* 2003 Sep; 66(9):1191-6.

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