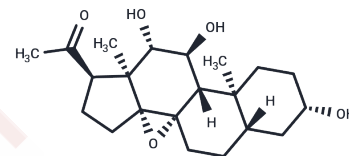


Tenacigenin B

Chemical Properties

CAS No. :	80508-42-5
Formula:	C ₂₁ H ₃₂ O ₅
Molecular Weight:	364.482
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	Tenacigenin B is a natural product of Marsdenia, Asclepiadaceae. The catalog number is TN2263 and the CAS number is 80508-42-5. Tenacigenin B can be used as a reference standard.
Targets(IC50)	Aurora Kinase,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7436 mL	13.7182 mL	27.4363 mL
5 mM	0.5487 mL	2.7436 mL	5.4873 mL
10 mM	0.2744 mL	1.3718 mL	2.7436 mL
50 mM	0.0549 mL	0.2744 mL	0.5487 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

Tenacigenin B derivatives reverse P-glycoprotein-mediated multidrug resistance in HepG2/Dox cells. J Nat Prod. 2008 Jun; 71(6):1049-51.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481