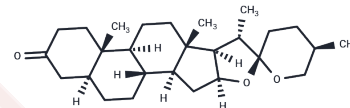


Yuccagenone

Chemical Properties

CAS No. :	470-07-5
Formula:	C ₂₇ H ₄₂ O ₃
Molecular Weight:	414.62
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	Yuccagenone is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4118 mL	12.0592 mL	24.1185 mL
5 mM	0.4824 mL	2.4118 mL	4.8237 mL
10 mM	0.2412 mL	1.2059 mL	2.4118 mL
50 mM	0.0482 mL	0.2412 mL	0.4824 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

Guerra JO, Meneses A, Simonet AM, Macías FA, Nogueiras C, Gómez A, Escario JA. [Steroidal saponins from the plant *Agave brittoniana* with activity against the parasite *Trichomona vaginalis*]. *Rev Biol Trop*. 2008 Dec;56(4):1645-52. Spanish. PubMed PMID: 19419073.

Blunden G, Carabot A, Cripps AL, Jewers K. Ruizgenin, a new steroidal sapogenin diol from *Agave lecheguilla*. *Steroids*. 1980 May;35(5):503-10. PubMed PMID: 7394856.

CHAKRAVARTI RN, DATTA S, MITRA MN. YUCCAGENIN FROM *CESTRUM NOCTURNUM* LINN. *Bull Calcutta Sch Trop Med*. 1963 Apr;11:56-7. PubMed PMID: 14301725.

MARKER RE, LOPEZ J. Steroidal sapogenins; the position of the double bond in yuccagenin and kammogenin. *J Am Chem Soc*. 1947 Oct;69(10):2401. PubMed PMID: 20268296.

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