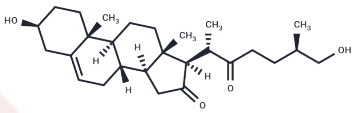
Data Sheet (Cat.No.T32420)

TargetMol

Kryptogenin

Chemical Properties



CAS No. : 468-99-5

Formula: C27H42O4

Molecular Weight: 430.629

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	Kryptogenin, derived from carp bile, can be used to synthesize C27-intermediates in bile acid biosynthesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3222 mL	11.6109 mL	23.2218 mL
5 mM	0.4644 mL	2.3222 mL	4.6444 mL
10 mM	0.2322 mL	1.1611 mL	2.3222 mL
50 mM	0.0464 mL	0.2322 mL	0.4644 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

Alessandrini L, Ciuffreda P, Santaniello E, Terraneo G. Clemmensen reduction of diosgenin and kryptogenin: synthesis of [16,16,22,22,23,23-(2)H(6)]-(25R)-26-hydroxycholesterol. Steroids. 2004 Dec;69(13-14):789-94. PubMed PMID: 15582533.

KAUFMANN S, ROSENKRANZ G. Steroidal sapogenins; transformation of kryptogenin into diosgenin and pseudodiosgenin. J Am Chem Soc. 1948 Oct;70(10):3502-5. PubMed PMID: 18891907.

ROSENKRANZ G, KAUFMANN S, et al. Steroidal sapogenins; new derivatives of kryptogenin. J Am Chem Soc. 1948 Oct;70(10):3518-20. PubMed PMID: 18933565.

Smith AG, Gilbert JD, Harland WA, Brooks CJ. The isolation of cholest-5-ene-3beta,26-diol from human brain. Biochem J. 1974 Jun;139(3):793-5. PubMed PMID: 4854921; PubMed Central PMCID: PMC1166347.

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