Data Sheet (Cat.No.T19877)

TargetMol

Digitoxigenin

Chemical Properties

CAS No. : 143-62-4

Formula: $C_{23}H_{34}O_4$

Molecular Weight: 374.51

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	Digitoxigenin is a precursor of cardiac glycosides that acts by targeting the metastatic uveal melanoma gene signature.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6702 mL	13.3508 mL	26.7016 mL
5 mM	0.534 mL	2.6702 mL	5.3403 mL
10 mM	0.267 mL	1.3351 mL	2.6702 mL
50 mM	0.0534 mL	0.267 mL	0.534 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

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Ng SC. Emerging leadership lecture: Inflammatory bowel disease in Asia: emergence of a "Western" disease. J Gastroenterol Hepatol. 2015 Mar;30(3):440-5. doi: 10.1111/jgh.12859. Review. PubMed PMID: 25469874.
Manunta P, Ferrandi M, Messaggio E, Ferrari P. A new antihypertensive agent that antagonizes the prohypertensive effect of endogenous ouabain and adducin. Cardiovasc Hematol Agents Med Chem. 2006 Jan;4 (1):61-6. Review. PubMed PMID: 16529550.
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