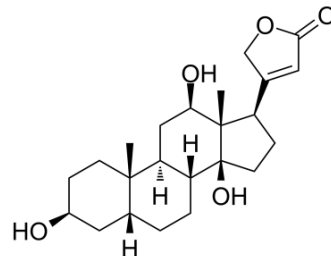


Digoxigenin

Cat. No.:	HY-B1025		
CAS No.:	1672-46-4		
Molecular Formula:	C ₂₃ H ₃₄ O ₅		
Molecular Weight:	390.51		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (320.09 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass	Mass	Mass
1 mM	2.5608 mL	12.8038 mL	25.6075 mL	
5 mM	0.5122 mL	2.5608 mL	5.1215 mL	
10 mM	0.2561 mL	1.2804 mL	2.5608 mL	

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (5.33 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (5.33 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (5.33 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Digoxigenin is a hapten, a small molecule with high antigenicity, that is used in many molecular biology applications, as an alternative probe labeling for in situ hybridization

Caution: Product has not been fully validated for medical applications. For research use only.

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