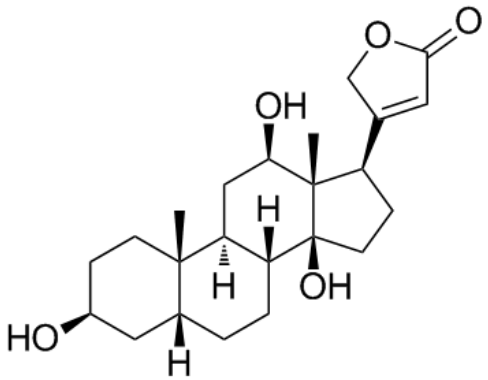
Product Data Sheet

Product Name: Digoxigenin (Lanadigenin)
Cat. No.: GC33835

Chemical Properties

Cas. No.	1672-46-4		
SMILES	O=C1OCC([C@H]2CC[C@]3(O)[C@]4([H])CC[C@]5([H])C[C@@H](O)CC[C@]5(C)[C@@]4([H])C[C@@H](O)[C@]23C)=C1		
Formula	$C_{23}H_{34}O_5$	M.Wt	390.51
Solubility	DMSO : ≥ 125 mg/mL (320.09 mM)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

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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