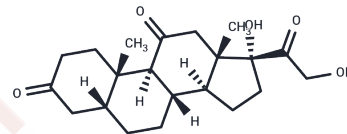


5 β -Dihydrocortisone

Chemical Properties

CAS No. :	68-54-2
Formula:	C ₂₁ H ₃₀ O ₅
Molecular Weight:	362.466
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	5 β -Dihydrocortisone, a sterol metabolite derived from cortisone, is produced in the liver through the action of 5 β -reductase (AKR1D1).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7588 mL	13.7942 mL	27.5885 mL
5 mM	0.5518 mL	2.7588 mL	5.5177 mL
10 mM	0.2759 mL	1.3794 mL	2.7588 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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

Nikolaos Nikolaou, et al. AKR1D1 regulates glucocorticoid availability and glucocorticoid receptor activation in human hepatoma cells. J Steroid Biochem Mol Biol

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