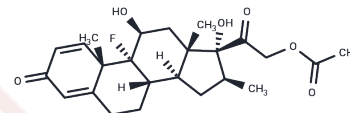


Betamethasone acetate

Chemical Properties

CAS No. :	987-24-6
Formula:	C ₂₄ H ₃₁ FO ₆
Molecular Weight:	434.50
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	Betamethasone acetate, the 21-acetate ester of betamethasone, is a synthetic glucocorticoid corticosteroid and a corticosteroid ester.
Targets(IC50)	Glucocorticoid Receptor,Others,Aquaporin

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.3015 mL	11.5075 mL	23.015 mL
5 mM	0.4603 mL	2.3015 mL	4.603 mL
10 mM	0.2301 mL	1.1507 mL	2.3015 mL
50 mM	0.046 mL	0.2301 mL	0.4603 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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