

Desoxycortone

Chemical Properties

CAS No.:	64-85-7
Formula:	C ₂₁ H ₃₀ O ₃
Molecular Weight:	330.47
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Desoxycortone is a steroid metabolite. It also is the 11-deoxy derivative of CORTICOSTERONE and the 21-hydroxy derivative of PROGESTERONE.
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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	3.026 mL	15.130 mL	30.260 mL
5 mM	0.605 mL	3.026 mL	6.052 mL
10 mM	0.303 mL	1.513 mL	3.026 mL
50 mM	0.061 mL	0.303 mL	0.605 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Woolcock AD, Ward C. Successful treatment of a cat with primary hypoadrenocorticism and severe hyponatremia with desoxycorticosterone pivalate (DOCP). Can Vet J. 2015 Nov;56(11):1158-60. PubMed PMID: 26538671; PubMed Central PMCID: PMC4608469.
2. Carr AP. How best to treat Addison's disease in dogs? Vet Rec. 2016 Jul 23;179(4):96-7. doi: 10.1136/vr.i4052. PubMed PMID: 27450847.
3. Kline S, Rooker L, Nobrega-Lee M, Guthrie A. Hypoadrenocorticism (Addison's disease) in a Hoffmann's two-toed sloth (Choloepus hoffmanni). J Zoo Wildl Med. 2015 Mar;46(1):171-4. PubMed PMID: 25831596.
4. Whoriskey ST, Bartlett SL, Baitchman E. HYPOALDOSTERONISM IN A MATSCHIE'S TREE KANGAROO (DENDROLAGUS MATSCHIEI). J Zoo Wildl Med. 2016 Jun;47(2):628-31. doi: 10.1638/2015-0193.1. PubMed PMID: 27468039.

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