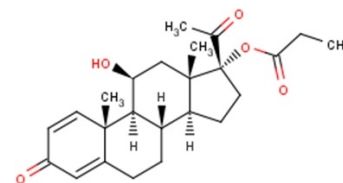


Deprodone propionate

Chemical Properties

CAS No.:	20424-00-4
Formula:	C ₂₄ H ₃₂ O ₅
Molecular Weight:	400.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Deprodone propionate is a corticosteroid which is obtained by esterifying with propionic acid the 17-position of the prednisolone skeleton and deoxidating its 21-position.
Targets(IC ₅₀)	Others: None
In vitro	Deprodone propionate exhibit its effects to the maximum extent and over a prolonged period of time, do not have skin irritation, and are physicochemically stable. Deprodone propionate can be maintained in a stably suspended state owing to the thickening action of the suspending agent.

Solubility Information

Solubility	DMSO: 250 mg/mL (624.20 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.497 mL	12.484 mL	24.968 mL
5 mM	0.499 mL	2.497 mL	4.994 mL
10 mM	0.25 mL	1.248 mL	2.497 mL
50 mM	0.05 mL	0.25 mL	0.499 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. Takashi Narui, et al. Water and deprodone propionate -containing external preparations. EP 0473810 B1.

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