
Product Data Sheet

Product Name: Deprodone propionate (RD20000)

Cat. No.: GC32045

Chemical Properties

Cas. No. 20424-00-4

SMILES C[C@@]12[C@@](C(C)=O)(CC[C@@]1([H])[C@@]3([H])[C@]([C@@]4(C(CC3)=CC(C=C4)=O)C)([H])[C@@H](O)C2)OC(CC)=O

Formula	C ₂₄ H ₃₂ O ₅	M.Wt	400.51
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Solubility	DMSO: 250 mg/mL (624.20 mM)	Storage	Store at -20°C
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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**

Deprodone propionate (RD20000) is a corticosteroid which is obtained by esterifying with propionic acid the 17-position of the prednisolone skeleton and deoxidating its 21-position.

Deprodone propionate as an effective ingredient, can 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[1].

[1]. Takashi Narui, et al. Water and deprodone proprionate -containing external preparations. EP 0473810 B1.

Caution: Product has not been fully validated for medical applications. For research use only.

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