
Product Data Sheet

Product Name: Timobesone

Cat. No.: GC32047

Chemical Properties

Cas. No. 87116-72-1

SMILES F[C@@]1([C@]2(C=C3)C)[C@](CCC2=CC3=O)([H])[C@@](C[C@H](C)[C@]4(O)C(SC)=O)([H])[C@]4(C)C[C@@H]1O

Formula	C ₂₂ H ₂₉ FO ₄ S	M.Wt	408.53
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Solubility	Soluble in DMSO	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**

Timobesone is a topical corticosteroid but never marketed.

The increase in the solubility of Timobesone acetate in the micellar solutions is dependent on the type and concentration of surfactant. The solubilizing capacity of the surfactant micelles and the distribution coefficient of Timobesone acetate in aqueous micellar solutions are found to increase with increasing length of the hydrophobic fatty acid group[1].

[1]. Ong JT, et al. Micellar solubilization of timobesone acetate in aqueous and aqueous propylene glycol solutions of nonionic surfactants. Pharm Res. 1988 Nov;5(11):704-8.

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

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