

Product Data Sheet

Product Name: Halometasone

Cat. No.: GC49385

Chemical Properties

Cas. No. 50629-82-8

SMILES F[C@@]12[C@](C[C@@H](C([C@@]2(C=C3Cl)C)=CC3=O)F)([H])[C@@]4([H])[C@](C[C@@H]1O)([C@](C(CO)=O)(O)[C@@H](C4)C)C

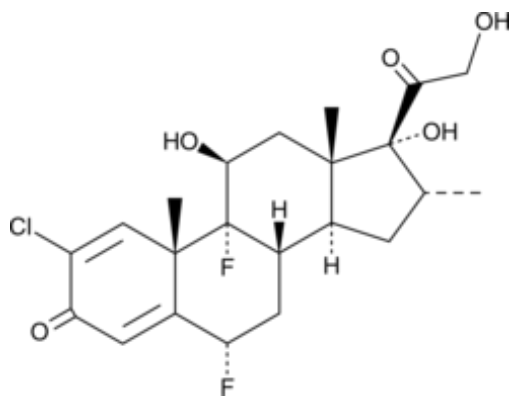
Formula C₂₂H₂₇ClF₂O₅ M.Wt 444.9

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:3): 0.25 mg/ml, Ethanol: 20 mg/ml Storage -20°C

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

Halometasone is a synthetic corticosteroid.^{1,2} Formulations containing halometasone have been used in the treatment of psoriasis vulgaris and eczematous dermatoses.

1. de la Brassine, M., Kint, A., Lachapelle, J.M., et al. Halomethasone (C 48.401-Ba) for the topical treatment of common dermatoses. J. Int. Med. Res. 12(5)307-309(1984)
2. Zhu, J.-W., Wu, X.-J., Lu, Z.-F., et al. Role of VEGF receptors in normal and psoriatic human keratinocytes: Evidence from

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

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irradiation with different UV sources PLoS One 8(1)e55463(2013)

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