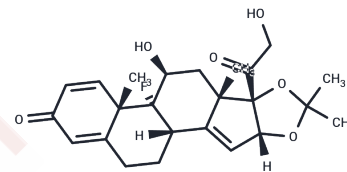


δ 14-Triamcinolone acetonide

Chemical Properties

CAS No. :	1260149-96-9
Formula:	C ₂₄ H ₂₉ F ₀₆
Molecular Weight:	432.48
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	δ 14-Triamcinolone acetonide is a potential impurity found in commercial preparations of triamcinolone acetonide. Triamcinolone acetonide is a synthetic corticosteroid. It decreases cytokine levels, the firing rate of sensory neurons, and mechanical hypersensitivity in a rat spinal nerve ligation model when used at a dose of 1.5 mg/kg prior to and following surgery for three days. Triamcinolone acetonide also decreases outflow facility in a mouse model of steroid-induced glaucoma when 20 μ l of a 40 mg/ml suspension is administered subconjunctivally. Formulations containing triamcinolone acetonide are used in the treatment of diabetic macular edema.
Targets(IC50)	Others

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	2.3122 mL	11.5612 mL	23.1225 mL
5 mM	0.4624 mL	2.3122 mL	4.6245 mL
10 mM	0.2312 mL	1.1561 mL	2.3122 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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