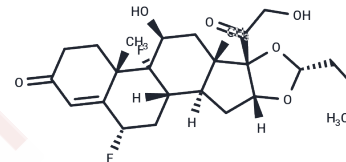


Rofleponide

Chemical Properties

CAS No. :	144459-70-1
Formula:	C ₂₅ H ₃₄ F ₂ O ₆
Molecular Weight:	468.53
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	Rofleponide is a synthetic glucocorticosteroid with a high affinity for the rat thymus glucocorticoid receptor.
Targets(IC50)	Glucocorticoid Receptor,Others

Solubility Information

Solubility	DMSO: 50 mg/mL (106.72 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1343 mL	10.6717 mL	21.3434 mL
5 mM	0.4269 mL	2.1343 mL	4.2687 mL
10 mM	0.2134 mL	1.0672 mL	2.1343 mL
50 mM	0.0427 mL	0.2134 mL	0.4269 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.

Reference

- Ahlström-Emanuelsson C, et al. Topical treatment with aqueous solutions of rofleponide palmitate and budesonide in a pollen-season model of allergic rhinitis. *Clin Exp Allergy*. 2004 May;34(5):731-5.
- Thalén A, et al. Synthesis and structure elucidation of potential 6-oxygenated metabolites of (22R)-6alpha,9alpha-difluoro-11beta,21-dihydroxy-16alpha,17alpha-propyl methylenedioxyprog-4-ene-3,20-dione, and related glucocorticosteroids. *Steroids*. 2000 Jan;65(1):16-23.

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