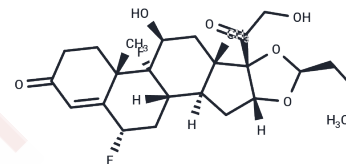


## 2H-Naphth[2',1':4,5]indeno[1,2-d][1,3]dioxole, pregn-4-ene-3,20-dione deriv

### Chemical Properties

CAS No. :	144459-71-2
Formula:	C <sub>25</sub> H <sub>34</sub> F <sub>2</sub> O <sub>6</sub>
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	2H-Naphth[2',1':4,5]indeno[1,2-d][1,3]dioxole, pregn-4-ene-3,20-dione deriv showed high local anti-inflammatory potency and high lung selectivity when tested on Sprague Dawley rats.
Targets(IC50)	Others,Endogenous Metabolite

### Solubility Information

Solubility	DMSO: 55 mg/mL (117.39 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

Andersson P, et al. Preparation of 16 $\alpha$ ,17 $\alpha$ -butylidenedioxy-6 $\alpha$ ,9 $\alpha$ -(di)fluoro-11 $\beta$ ,21-dihydroxypregna-4-ene-3,20-diones as antiinflammatories and allergy inhibitors. WO9213872 A1.

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