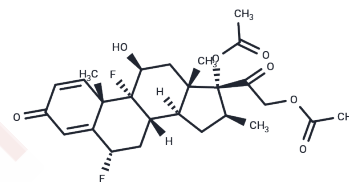


## Diflorasone Diacetate

## Chemical Properties

CAS No. :	33564-31-7
Formula:	C <sub>26</sub> H <sub>32</sub> F <sub>2</sub> O <sub>7</sub>
Molecular Weight:	494.53
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	Diflorasone Diacetate, a topical glucocorticoid, has immunosuppressive and anti-inflammatory properties.
Targets(IC50)	Glucocorticoid Receptor,Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0221 mL	10.1106 mL	20.2212 mL
5 mM	0.4044 mL	2.0221 mL	4.0442 mL
10 mM	0.2022 mL	1.0111 mL	2.0221 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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

Maccaroni E, Giovenzana GB, Palmisano G, Botta D, Volante P, Masciocchi N. Structures from powders: diflorasone diacetate. *Steroids*. 2009 Jan;74(1):102-11. doi: 10.1016/j.steroids.2008.09.014. Epub 2008 Oct 18. PubMed PMID: 19013475.

Bäumer W, Seegers U, Braun M, Tschernig T, Kietzmann M. TARC and RANTES, but not CTACK, are induced in two models of allergic contact dermatitis. Effects of cilomilast and diflorasone diacetate on T-cell-attracting chemokines. *Br J Dermatol*. 2004 Oct;151(4):823-30. PubMed PMID: 15491423.

Krueger GG, O'Reilly MA, Weidner M, Dromgoole SH, Killely FP. Comparative efficacy of once-daily flurandrenolide tape versus twice-daily diflorasone diacetate ointment in the treatment of psoriasis. *J Am Acad Dermatol*. 1998 Feb;38(2 Pt 1):186-90. PubMed PMID: 9486672.

Shupack JL, Jondreau L, Kenny C, Stiller MJ. Diflorasone diacetate ointment 0.05% versus betamethasone dipropionate ointment 0.05% in moderate-severe plaque-type psoriasis. *Dermatology*. 1993;186(2):129-32. PubMed PMID: 8428041.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481