

**Product Name** : Betamethasone dipropionate

**Synonyms** : Alphatrex; BetaVal; Diprolene; Diprolene AF; Diprosone; Luxiq

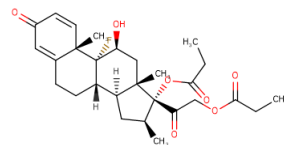
**Cat No.** : M15034

**CAS Number** : 5593-20-4

**Molecular Formula** : C<sub>28</sub>H<sub>37</sub>FO<sub>7</sub>

**Formula Weight** : 504.59

**Chemical Name** : (8S,9R,10S,11S,13S,14S,16S,17R)-9-fluoro-11-hydroxy-10,13,16-trimethyl-3-oxo-17-(2-(propionyloxy)acetyl)-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl propionate.



**Description** : Betamethasone Dipropionate is a glucocorticoid steroid with anti-inflammatory and immunosuppressive abilities.

**Pathway** : Endocrinology/Hormones

**Target** : GR

**Receptor** : Glucocorticoid Receptor

**Solubility** : Ethanol: 66 mg/mL (130.79 mM); DMSO: 101 mg/mL (200.16 mM)

**SMILES** : CCC(OC(=O)C1(C(COC(=O)C)C(=O)O)[C@@H](C)C[C@@H]2[C@H](C)[C@@H](C)CCC4=CC(=C[C@H]4(C)[C@@H]3F[C@@H](O)C[C@H]12C)C(=O)C)C(=O)O

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1.Park JM, et al. J Am Acad Dermatol. 2013 Sep;69(3):492-3.