



Formula: C<sub>26</sub>H<sub>38</sub>O<sub>6</sub>

MW: 446.58

CAS: 57524-89-7

TNP NUMBER: TNP00608

MDL NUMBER: MFCD09788232

IUPAC: (1S,10S,11S,15S,17S,2R,14R)-17-hydroxy-14-(2-hydroxyacetyl)-2,15-dimethyl-5-oxotetracyclo[8.7.0.0.0]heptadec-6-en-14-yl pentanoate

Smiles:

O(C(CCCC)=O)[C@@]1(C(CO)=O)[C@]2(C)[C@@H](CC1)([C@H]1([C@H]([C@H](C2)O)([C@]2(C)C(CC1)=CC(CC2)=O)))

Topical therapy of acute and chronic corticosteroid responsive dermatoses, where an anti-inflammatory, anti-allergenic and antipruritic activity is required

THERAPEUTIC CATEGORY: Glucocorticoid

ACCEPTORS: 6

DONORS: 2

ROTATION BONDS: 7

N+O: 6

Chiral Centers: 7

LogP: 4.16

LogS: -5.23

LIPINSKI: 4

Synonyms: 4-PREGNEN-11-BETA, 17,21-TRIOL-3,20-DIONE  
17-VALERATE;11BETA,17,21-TRIHIDROXYPREGN-4-ENE-3,20-DIONE  
17-VALERATE;HYDROCORTISONE 17-VALERATE;HYDROCORTISONE  
VALERATE;CORTISOL 17-VALERATE;11B,17,21-trihydroxypregn-4-ene-3,20-dione  
17-valerate;HYDROCORTISONEVALERATE,USP;[(17R)-11-hydroxy-17-(2-hydroxyacetyl)-10,1  
3-dimethyl-3-oxo-2,6,7,8,9,11,12,14,15,16-decahydro-1H-cyclopenta[a]phenanthren-17-yl]  
pentanoate

CAS:57524-89-7

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EINECS:260-786-8

Product Categories: Steroids CORTISOL 17-VALERATE Hazard Codes Xn Risk Statements  
40 Safety Statements 22-36 WGK Germany 3 CORTISOL 17-VALERATE

Usage And Synthesis: CORTISOL 17-VALERATE

