



Formula: C<sub>23</sub>H<sub>30</sub>O<sub>6</sub>

MW: 402.49

CAS: 50-04-4

TNP NUMBER: TNP00595

MDL NUMBER: MFCD03548187

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

Smiles:

C1([C@@H]2([C]3(C(=CC(CC3)=O)CC[C@H]2([C@H]2([C]([C](C(COC(=O)C)=O)(CC2)O)(C1)C)))C)=O

THERAPEUTIC CATEGORY: Glucocorticoid

ACCEPTORS: 6

DONORS: 1

ROTATION BONDS: 4

N+O: 6

Chiral Centers: 6

LogP: 2.17

LogS: -4.43

LIPINSKI: 4

Synonyms:

11,20-trione,17,21-dihydroxy-pregn-4-ene-21-acetate;11-dehydro-17-hydroxycorticosterone-21-acetate;11-dehydro-17-hydroxycorticosteroneacetate;17,21-dihydroxypregn-4-ene-3,11,20-trioneacetate;20-trione,21-(acetyloxy)-17-hydroxy-pregn-4-ene-11;21-(acetyloxy)-17-hydroxypregn-4-ene-3,11,20-trione;21-acetoxy-17, alpha-hydroxy-3,11,20-triketopregnene-4;21-acetoxy-17, alpha-hydroxypregn-4-ene-3,11,20-trione

CAS:50-04-4

MF:C23H30O6

MW:402.48

EINECS:200-006-5

Product Categories:Biochemistry;Hydroxyketosteroids;Steroids Cortisone acetate

Chemical Properties: mp 237-240 C(lit.) refractive index 212 (C=1, MeOH) Merck 2539  
Stability:Stable. Incompatible with strong oxidizing agents.

CAS DataBase Reference: 50-04-4(

CAS DataBase Reference: ) EPA Substance Registry SystemPregn-4-ene-3,11, 20-trione, 21-(acetyloxy)-17-hydroxy- (50-04-4)

Safety Information: Safety Statements 22-36/37 WGK Germany 3 RTECS GM9140000  
Cortisone acetate

Usage And Synthesis:

Chemical Properties: solid Cortisone acetate

