



Formula: C₂₃H₃₂O₄

MW: 372.5

CAS: 56-47-3

TNP NUMBER: TNP00600

MDL NUMBER: MFCD03225550

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

Smiles:

C=12[C]([C@H]3(CC[C]4([C@H]([C@@H]3(CC2)))(CC[C@@H]4C(COC(=O)C)=O)C))(CCC(=O)C1)C

Mineralocorticoid

THERAPEUTIC CATEGORY: Mineralocorticoid

ACCEPTORS: 4

DONORS: 0

ROTATION BONDS: 3

N+O: 4

Chiral Centers: 6

LogP: 5.51

LogS: -5.44

LIPINSKI: 4

Synonyms:

11-deoxycorticosterone 21-acetate; 20-dione, 21-hydroxy-pregn-4-ene-acetate; 21-acetoxy-3,20-diketopregn-4-ene; 21-Acetyloxy-pregn-4-ene-3,20-dione; 21-hydroxy-pregn-4-ene-3,20-dione 21-acetate; 4-pregnene-3,20-dione-21-olacetate; arcort; bio-corten

CAS: 56-47-3

MF: C₂₃H₃₂O₄

MW: 372.5

EINECS: 200-275-9

Product Categories: Biochemistry; Hydroxyketosteroids; Steroids Deoxycorticosterone acetate

Chemical Properties: mp 157°C refractive index 1.75 (C=1, Dioxane) solubility H₂O: insoluble Merck 2901

CAS DataBase Reference: 56-47-3(

CAS DataBase Reference:)

Safety Information: Safety Statements 22-24/25 RIDADR UN 2811 WGK Germany 3 RTECS HG0525000 21-Hydroxy-4-pregnene-3,20-dione 21-acetate Deoxycorticosterone acetate

Usage And Synthesis: Deoxycorticosterone acetate

