



Formula: C<sub>24</sub>H<sub>29</sub>ClO<sub>4</sub>

MW: 416.94

CAS: 427-51-0

TNP NUMBER: TNP00596

MDL NUMBER: MFCD00083274

IUPAC: (1S,2S,3S,12S,16S,5R,11R,15R)-15-acetyl-9-chloro-2,16-dimethyl-6-oxopentacyclo[9.7.0.0.0.0.0]octadeca-7,9-dien-15-yl acetate

Smiles:

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C1=2[C]([C@@H]3[C@@H](C3)C(C2)=O)([C@@H]2([C@H]([C@@H]3(CC[C@]([C]3(CC2)C)(OC(=O)C)C(=O)C))C=C1Cl))C
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Treat prostate cancer, reduce sex drive in men

THERAPEUTIC CATEGORY: Antiandrogen

ACCEPTORS: 4

DONORS: 0

ROTATION BONDS: 2

N+O: 4

Chiral Centers: 8

LogP: 6.54

LogS: -5.86

LIPINSKI: 3

Synonyms:

1,2-alpha-methylene-6-chloro-delta-(sup4,6)-pregnadiene-17-alpha-ol-3,20-dio;1,2-alpha-methylene-6-chloro-delta(sup6)-17-alpha-hydroxyprogesteroneacetat;1,2-alpha-methylene-6-chloro-pregna-4,6-diene-3,20-dione17-alpha-acetate;17-alpha-acetoxy-6-chloro-1-alpha,2-alpha-methylenepregna-4,6-diene-3,20-dio;20-dione,6-chloro-17-hydroxy-1-alpha,2-alpha-methylene-pregna-6-diene-3;6)-pregnadiene-17-alpha-ol-3,20-dione17-2-alpha-methylene-6-chloro-(sup4;6-chlor-delta(sup6)-1,2-alpha-methylen-17-alpha-hydroxyprogesteronacetat;6-chloro-1,2-alpha-methylene-17-alpha-hydroxy-delta(sup6)-progesteroneaceta

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MW:416.94

EINECS:207-048-3

Product Categories:Antibiotics;Steroids;Intermediates & Fine Chemicals;Pharmaceuticals;Intracellular receptor Cyproterone acetate

Chemical Properties: mp 200-201C storage temp. 2-8C EPA Substance Registry System3'H-Cyclopropa[ 1,2]pregna-1,4,6-triene-3, 20-dione, 17-(acetyloxy)-6-chloro-1, 2-dihydro-, (1.beta.,2.beta.)-(427-51-0) Xn,Xi Risk Statements 20/21/22-40-36/37/38 Safety Statements 22-36-26 WGK Germany 3 RTECS GZ2230000 Hazardous Substances Data427-51-0(Hazardous Substances Data) Cyproterone acetate

Usage And Synthesis:

Chemical Properties: Crystalline Solid UsageUsed as an antiandrogen. Combined with estrogen in the treatment of acne Cyproterone acetate

