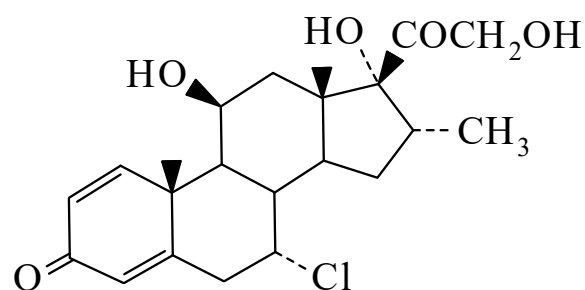




>>Entry Name: **Alclometasone**, BAN, INN

Synonym(s): 7-Chloro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione, 9Cl. Aclosone. Aclovate. Modrastone. S 3460



CAS Registry Number: 67452-97-5

Molecular Formula: C₂₂H₂₉ClO₅

Molecular Weight: 408.921

Accurate Mass: 408.170352

Percentage Composition: C 64.62%; H 7.15%; Cl 8.67%; O 19.56%

Use/Importance: Topical corticosteroid

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 176-179°

Optical Rotation: [α]_D²⁶+47.5 (c, 0.3 in DMF)

Calculated Log P Data: Log P 1.48 (uncertain value) (calc)

Other Data: Stereochem. is (7 α ,11 β ,16 α ,17 α OH)

>>Derivative: 17,21-Dipropionyl

Synonym(s): **Alclometasone dipropionate**, JAN, USAN. Delonal. Vaderm. Sch 22219

CAS Registry Number: 66734-13-2

Molecular Formula: C₂₈H₃₇ClO₇

Molecular Weight: 521.049

Accurate Mass: 520.222782

Percentage Composition: C 64.54%; H 7.16%; Cl 6.80%; O 21.49%

Use/Importance: Antiinflammatory and antiallergic glucocorticoid

Physical Description: Cryst. (Me₂CO/MeOH/diisopropyl ether)

Development Status: Launched 1985

Melting Point: Mp 212-216°

Optical Rotation: [α]_D²⁶+42.6 (c, 0.3 in DMF)

Calculated Log P Data: Log P 4.02 (uncertain value) (calc)

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