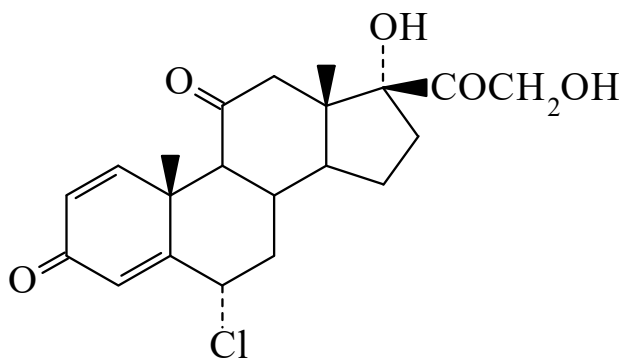




>>Entry Name: Chloroprednisone, INN

Synonym(s): 6-Chloro-17,21-dihydroxypregna-1,4-diene-3,11,20-trione, 9Cl



CAS Registry Number: 52080-57-6

Molecular Formula: C₂₁H₂₅ClO₅

Molecular Weight: 392.878

Accurate Mass: 392.139052

Percentage Composition: C 64.20%; H 6.41%; Cl 9.02%; O 20.36%

Use/Importance: Antiinflammatory agent. Glucocorticoid

Calculated Log P Data: Log P 0.55 (uncertain value) (calc)

Other Data: Stereochem. is (6 α ,17 α OH)

>>Derivative: 21-Ac

Synonym(s): Adremycine. Localyn. Topilan

CAS Registry Number: 14066-79-6

Molecular Formula: C₂₃H₂₇ClO₆

Molecular Weight: 434.915

Accurate Mass: 434.149617

Percentage Composition: C 63.52%; H 6.26%; Cl 8.15%; O 22.07%

Melting Point: Mp 217-219°

Optical Rotation: [α]_D +144 (CHCl₃)

References:

Ringold, H.J. *et al.*, *J.A.C.S.*, 1958, **80**, 6464, (*synth, pharmacol*)