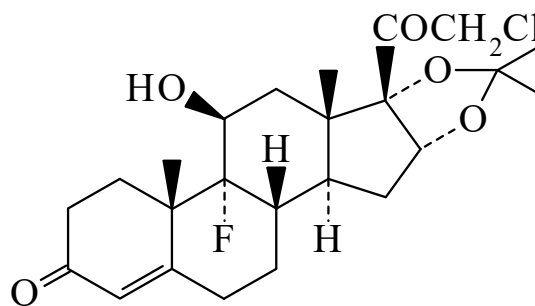




>>Entry Name: Halcinonide, BAN, INN, JAN, USAN

Synonym(s): 21-Chloro-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione, 9Cl. 21-Chloro-9-fluoro-11,16,17-trihydroxy-4-pregnene-3,20-dione cyclic 16,17-acetal with acetone, 8Cl. Halciderm. Halcimat. Halcort. Halog. Alcinonide. Many other names



CAS Registry Number: 3093-35-4

Molecular Formula: C₂₄H₃₂ClFO₅

Molecular Weight: 454.965

Accurate Mass: 454.19223

Percentage Composition: C 63.36%; H 7.09%; Cl 7.79%; F 4.18%; O 17.58%

Use/Importance: Topical corticosteroid

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 276°

Optical Rotation: [α]_D²⁵+155 (CHCl₃)

Calculated Log P Data: Log P 1.91 (uncertain value) (calc)

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

Hazard & Toxicity: LD₅₀ (rat, ipr) 39.8 mg/kg

Sigma: H1644

References:

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Millonig, R.C. *et al.*, *Pharmacol. Biochem. Prop. Drug Subst.*, 1977, **1**, 215, (*rev, pharmacol*)
Kirshbaum, J., *Anal. Profiles Drug Subst.*, 1979, **8**, 251, (*rev*)
Ceolin, R. *et al.*, *Acta Cryst. B*, 1981, **37**, 148, (*cryst struct*)
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Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 7150, (*synonyms*)
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