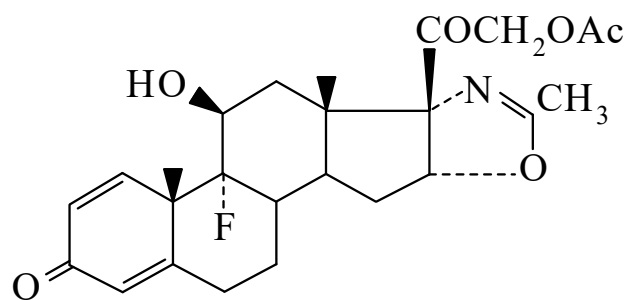




>>Entry Name: Fluazacort, INN, USAN

Synonym(s): 21-Acetoxy-9-fluoro-11-hydroxy-2'-methyl-5'H-pregna-1,4-dieno[17,16-d]oxazole-3,20-dione, 9Cl. Fluazacortenol acetate. Azacortid. L 6400



CAS Registry Number: 19888-56-3

Molecular Formula: $C_{25}H_{30}FNO_6$

Molecular Weight: 459.514

Accurate Mass: 459.205717

Percentage Composition: C 65.35%; H 6.58%; F 4.13%; N 3.05%; O 20.89%

Use/Importance: Antiinflammatory agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 252-255°

Optical Rotation: $[\alpha]_D^{25} +54.8$ (c, 0.5 in $CHCl_3$)

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

Hazard & Toxicity: LD₅₀ (rat, scu) 580 mg/kg

References:

Nathansohn, G. *et al.*, *Steroids*, 1969, **13**, 365; 383, (*pharmacol, synth, uv*)

Lewis, J.D. *et al.*, *Arzneim.-Forsch.*, 1975, **25**, 1646, (*metab*)

De Angelis, L., *Drugs of Today (Barcelona)*, 1976, **12**, 396, (*rev*)

Martindale, *The Extra Pharmacopoeia*, 31st edn., Pharmaceutical Press, 1996, 1046