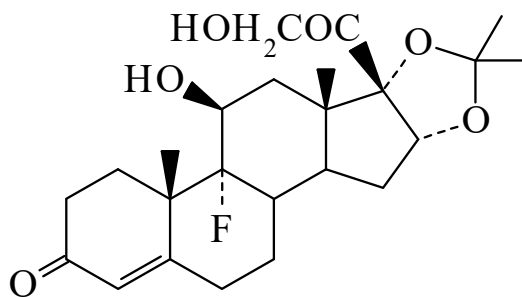




>>Entry Name: 9-Fluoro-11,16,17,21-tetrahydroxypregn-4-ene-3,20-dione 16,17- acetonide

Synonym(s): 9-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione, 9Cl. 9-Fluoro-16,17-dihydroxycorticosterone 16,17-acetonide



Molecular Formula: C₂₄H₃₃FO₆

Molecular Weight: 436.519

Accurate Mass: 436.226118

Percentage Composition: C 66.04%; H 7.62%; F 4.35%; O 21.99%

>>Variant: (11β,16α,17R)-form

CAS Registry Number: 1524-86-3

Molecular Formula: C₂₄H₃₃FO₆

Molecular Weight: 436.519

Accurate Mass: 436.226118

Percentage Composition: C 66.04%; H 7.62%; F 4.35%; O 21.99%

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 262 dec.°

Optical Rotation: [α]_D²⁵+144 (c, 0.848 in CHCl₃)

>>Derivative: 21-Ac

CAS Registry Number: 2395-17-7

Molecular Formula: C₂₆H₃₅FO₇

Molecular Weight: 478.557

Accurate Mass: 478.236683

Percentage Composition: C 65.26%; H 7.37%; F 3.97%; O 23.40%

Physical Description: Cryst. (Me₂CO/Et₂O)

Melting Point: Mp 239-240°

Optical Rotation: [α]_D²⁵+136 (MeOH)

References:

Bernstein, S. *et al.*, *J.A.C.S.*, 1959, **81**, 1689, (*synth, uv, ir*)