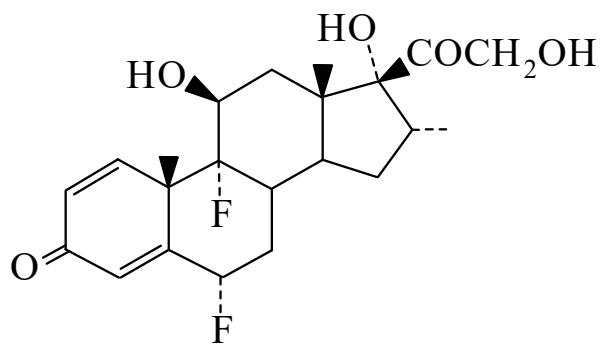




>>Entry Name: 6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione



Molecular Formula: C₂₂H₂₈F₂O₅

Molecular Weight: 410.457

Accurate Mass: 410.190481

Percentage Composition: C 64.38%; H 6.88%; F 9.26%; O 19.49%

Calculated Log P Data: Log P 0.88 (uncertain value) (calc)

>>Variant: (6 α ,11 β ,16 α ,17 α OH)-form

Synonym(s): Flumethasone, BAN, USAN. Flumetasone, INN. 6 α ,9-Difluoro-11 β ,17 α ,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione. Fluvet. Flucort. NSC 54702. Cortexillar. Many other names

CAS Registry Number: 2135-17-3

Molecular Formula: C₂₂H₂₈F₂O₅

Molecular Weight: 410.457

Accurate Mass: 410.190481

Percentage Composition: C 64.38%; H 6.88%; F 9.26%; O 19.49%

Use/Importance: Glucocorticoid. Antiinflammatory agent

Calculated Log P Data: Log P 0.88 (uncertain value) (calc)

Sigma: F9507

>>Derivative: 21-Ac

Synonym(s): Flumethasone acetate. Fluosmin

CAS Registry Number: 2823-42-9

Molecular Formula: C₂₄H₃₀F₂O₆

Molecular Weight: 452.494

Accurate Mass: 452.201046

Percentage Composition: C 63.71%; H 6.68%; F 8.40%; O 21.21%

Use/Importance: Glucocorticoid. Antiinflammatory agent

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 260-264°

Optical Rotation: [α]_D +91

Calculated Log P Data: Log P 1.42 (uncertain value) (calc)

>>Derivative: 21-(2,2-Dimethylpropanoyl)

Synonym(s): Flumethasone pivalate, BAN, USAN. Locorten. Lorindren. NSC 107680. Many other names

CAS Registry Number: 2002-29-1

Molecular Formula: C₂₇H₃₆F₂O₆

Molecular Weight: 494.575

Accurate Mass: 494.247996

Percentage Composition: C 65.57%; H 7.34%; F 7.68%; O 19.41%

Use/Importance: Glucocorticoid. Antiinflammatory agent

Melting Point: Mp 229-230 dec.°. Mp 254-255 dec.° (dimorphic)

Calculated Log P Data: Log P 2.65 (uncertain value) (calc)

Sigma: F0891