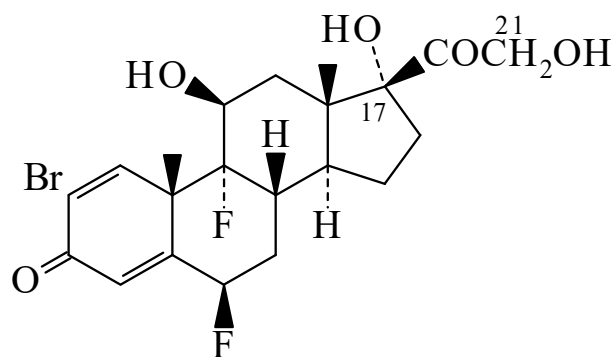




>>Entry Name: Halopredone, INN

Synonym(s): 2-Bromo-6,9-difluoro-11,17,21-trihydroxypregna-1,4-diene-3,20-dione, 9Cl



CAS Registry Number: 57781-15-4

Molecular Formula: $C_{21}H_{25}BrF_2O_5$

Molecular Weight: 475.326

Accurate Mass: 474.105342

Percentage Composition: C 53.06%; H 5.30%; Br 16.81%; F 7.99%; O 16.83%

Use/Importance: Antiinflammatory agent

Physical Description: Cryst. (dichloroethane)

Melting Point: Mp 228-230 dec.°

Optical Rotation: $[\alpha]_D^{24} -6$ (c, 1 in $CHCl_3$)

Calculated Log P Data: Log P 1.22 (uncertain value) (calc)

Other Data: Stereochem. is (6 α ,9 α ,11 β ,17 α OH)

>>Derivative: 17,21-Di-Ac

Synonym(s): Halopredone acetate, USAN. Topicon. THS 201

CAS Registry Number: 57781-14-3

Molecular Formula: $C_{25}H_{29}BrF_2O_7$

Molecular Weight: 559.401

Accurate Mass: 558.126472

Percentage Composition: C 53.68%; H 5.23%; Br 14.28%; F 6.79%; O 20.02%

Use/Importance: Topical antiinflammatory and thymolytic agent

Physical Description: Cryst. (C_6H_6)

Melting Point: Mp 290-292 dec.°

Optical Rotation: $[\alpha]_D^{24} -36$ (c, 1 in $CHCl_3$)

Calculated Log P Data: Log P 2.3 (uncertain value) (calc)

Hazard & Toxicity: Exp. reprod. and fetotoxic effects

References:

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