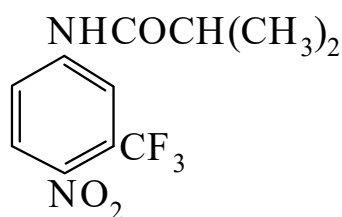




>>Entry Name: Flutamide, BAN, INN, USAN

Synonym(s): 2-Methyl-*N*-[4-nitro-3-(trifluoromethyl)phenyl]propanamide, 9CI. α,α,α -Trifluoro-2-methyl-4'-nitro-*m*-propionotoluidide, 8CI. Apimid. Cebratrol. Chimax. Drogenil. Euflex. Eulexin. Flucinom. Flutamex. Fugerel. Niftolide. Prostacur. Prostogenat. Sebatrol. Testac. Testotard. Sch 13521



CAS Registry Number: 13311-84-7

Molecular Formula: $C_{11}H_{11}F_3N_2O_3$

Molecular Weight: 276.215

Accurate Mass: 276.072177

Percentage Composition: C 47.83%; H 4.01%; F 20.63%; N 10.14%; O 17.38%

Biological Use/Importance: Antiandrogen used for treatment of prostatic carcinoma, and hirsutism. Also used in combination with an LHRH agonist

Development Status: Marketed drug. Launched 1983

Melting Point: Mp 111.5-112.5°

Calculated Log P Data: Log P 3.19 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 787mg/kg. Exp. reprod. effects

Sigma: F9397

References:

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