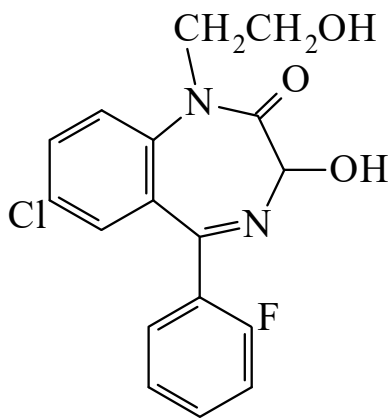




>>Entry Name: Doxefazepam, INN

Synonym(s): 7-Chloro-5-(2-fluorophenyl)-1,3-dihydro-3-hydroxy-1-(2-hydroxyethyl)-2H-1,4-benzodiazepin-2-one, 9Cl. Doxans. SAS 643



CAS Registry Number: 40762-15-0

Type of Compound Code(s): XA1030 XA4650 XA2545

Molecular Formula: C₁₇H₁₄ClFN₂O₃

Molecular Weight: 348.76

Accurate Mass: 348.067698

Percentage Composition: C 58.55%; H 4.05%; Cl 10.17%; F 5.45%; N 8.03%; O 13.76%

Use/Importance: Benzodiazepine receptor agonist. Hypnotic tranquilliser, anxiolytic agent

Development Status: Launched 1985

Calculated Log P Data: Log P 2.06 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 2550 mg/kg. LD₅₀ (rat, ipr) 544 mg/kg

>>Variant: (±)-form

Molecular Formula: C₁₇H₁₄ClFN₂O₃

Molecular Weight: 348.76

Accurate Mass: 348.067698

Percentage Composition: C 58.55%; H 4.05%; Cl 10.17%; F 5.45%; N 8.03%; O 13.76%

Physical Description: Cryst. (CH₂Cl₂/petrol)

Melting Point: Mp 138-140°

References:

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