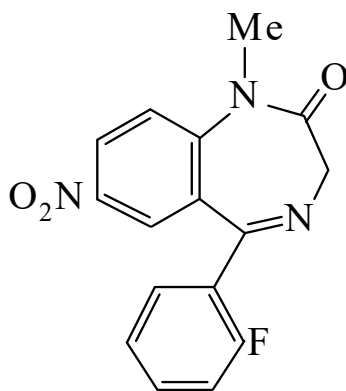




>>Entry Name: Flunitrazepam, BAN, INN, JAN, USAN

Synonym(s): 5-(2-Fluorophenyl)-1,3-dihydro-1-methyl-7-nitro-2H-1,4-benzodiazepin-2-one, 9Cl, 8Cl. Rohypnol. Roipnol. Ro 5-4200. Flunidazepam. Fluridazepam. Many other names



CAS Registry Number: 1622-62-4

Molecular Formula: C₁₆H₁₂FN₃O₃

Molecular Weight: 313.288

Accurate Mass: 313.08627

Percentage Composition: C 61.34%; H 3.86%; F 6.06%; N 13.41%; O 15.32%

Use/Importance: Benzodiazepine receptor agonist. Hypnotic, muscle relaxant and anticonvulsant

Physical Description: Pale yellow needles (CH₂Cl₂/hexane)

Melting Point: Mp 166-167°

Calculated Log P Data: Log P 2.26 (calc)

Hazard & Toxicity: Human and exp. reprod. effects. LD₅₀ (rat, orl) 415 mg/kg. Exp. teratogenic effects

Sigma: F9261

>>Derivative: N-De-Me

CAS Registry Number: 2558-30-7

Molecular Formula: C₁₅H₁₀FN₃O₃

Molecular Weight: 299.261

Accurate Mass: 299.07062

Percentage Composition: C 60.20%; H 3.37%; F 6.35%; N 14.04%; O 16.04%

Metabolism: Metab. of flunitrazepam

Biological Use/Importance: Anticonvulsant

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 210-211°

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