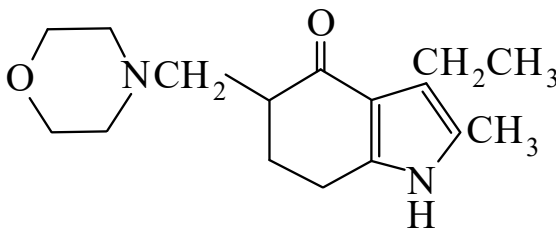




>>Entry Name: Molindone, BAN, INN

Synonym(s): 3-Ethyl-1,5,6,7-tetrahydro-2-methyl-5-(4-morpholinylmethyl)-4*H*-indol-4-one, 9Cl. 3-Ethyl-6,7-dihydro-2-methyl-5-(morpholinomethyl)indol-4(5*H*)-one, 8Cl



CAS Registry Number: 7416-34-4

Molecular Formula: C₁₆H₂₄N₂O₂

Molecular Weight: 276.378

Accurate Mass: 276.183778

Percentage Composition: C 69.53%; H 8.75%; N 10.14%; O 11.58%

Use/Importance: Sedative, tranquilliser, antipsychotic

Calculated Log P Data: Log P 2.53 (calc)

>>Variant: (-)-form

CAS Registry Number: 65973-38-8

Molecular Formula: C₁₆H₂₄N₂O₂

Molecular Weight: 276.378

Accurate Mass: 276.183778

Percentage Composition: C 69.53%; H 8.75%; N 10.14%; O 11.58%

Use/Importance: More active than the racemate

>>Variant: (±)-form

CAS Registry Number: 65973-37-7

Molecular Formula: C₁₆H₂₄N₂O₂

Molecular Weight: 276.378

Accurate Mass: 276.183778

Percentage Composition: C 69.53%; H 8.75%; N 10.14%; O 11.58%

Melting Point: Mp 180-181°

>>Derivative: Hydrochloride

Synonym(s): Molindone hydrochloride, USAN. Lidone. Moban. EN1773-A

CAS Registry Number: 15622-65-8

Hazard & Toxicity: LD₅₀ (rat, orl) 261 mg/kg

References:

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