

Product Information

Cat. No. E5007
ETONITAZENE HYDROCHLORIDE-DEA SCHEDULE I

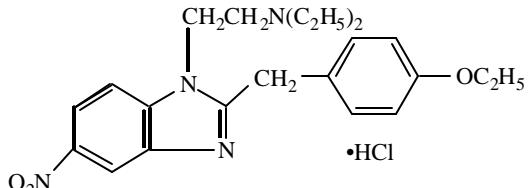
Narcotic analgesic; potent μ opioid receptor agonist.

Mol. Formula: C₂₂H₂₈N₄O₃·HCl

Mol. Wt.: 432.95 (anhyd.)

m.p.: 162-164°C

CAS Registry No.: 911-65-9



Chemical Name: 2-[(4-Ethoxyphenyl)methyl]-N,N-diethyl-5-nitro-1H-benzimidazole-1-ethanamine hydrochloride

Physical Properties: Light yellow solid.

Caution: The pharmacology of this compound is incompletely characterized and due care should be exercised in its use. Avoid skin contact, ingestion or inhalation. RTECS No. DD8067000.

Storage: Store tightly sealed at room temperature.

Solubility: Soluble in DMSO; insoluble in water and ethanol. Solubility in 45% aqueous (w/v) 2-hydroxypropyl- β -cyclodextrin (Cat. No. H-107): 0.4 mg/ml.

Disposal: Dissolve or mix the compound with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. This product is controlled by the Drug Enforcement Administration. Appropriate security must be maintained until the substance is destroyed. Records must be kept which detail the ultimate disposition of the material.

References:

1. *Merck Index 11th Ed.*, No. 3840.
2. Muolten, M.S., Fishman, J.B., Chen, J.C., Carlson, K.R. "Etonitazene: An opioid selective for the mu receptor types." *Life Sci.* **52(18)**, PL 199 (1993).
3. Sala, M., Braida, D., Calcuterra, P., Leone, M.P., Guri, E. "Dose-dependent conditioned place preference produced by etonitazene and morphine." *Eur. J. Pharmacol.* **217(1)**, 37 (1992).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (I)

Rev. 1/96

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