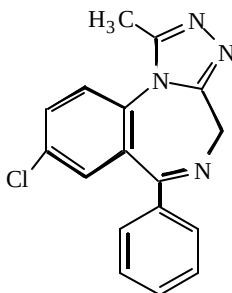


Product Information

Cat. No. A8800

ALPRAZOLAM--DEA SCHEDULE IV

Benzodiazepine anxiolytic.



Mol. Formula: C₁₇H₁₃ClN₄

Mol. Wt.: 308.77 (anhyd.)

m.p.: 227°C

CAS Registry No.: 28981-97-7

Chemical Name: 8-Chloro-1-methyl-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine

Physical Properties: White solid. UV $\lambda_{\max}$ (log ϵ , EtOH): 222 nm (4.60).

Caution: While no human toxicity data is available for this substance, it should be handled with care. Precautions should be taken to avoid contact by all routes of exposure.

Storage: Store tightly sealed at room temperature.

Solubility: Soluble in methanol; insoluble in aqueous solutions.

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* **12th Ed.**, No. 320.
2. VonVoigtlander, P.F., Straw, R.N. "Alprazolam: review of pharmacological, pharmacokinetic, and clinical data." *Drug Rev. Res.* **6**, 1-12 (1985).
3. Dawson, G.W., Jue, S.G., Brogden, R.N. "Alprazolam. A review of its pharmacodynamic properties and efficacy in the treatment of anxiety and depression." *Drugs* **27**, 132-147 (1984).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (IV)

Rev. 5/97

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