



Product Information

Cat. No. I7003

IBOGAINE HYDROCHLORIDE--DEA SCHEDULE I

CNS stimulant, hallucinogen, anticonvulsant; has been used in the treatment of cocaine and heroin addiction; alkaloid isolated from African shrub *Tebernante iboga*.

Mol. Formula: $C_{20}H_{26}N_2O \cdot HCl$

Mol. Wt.: 346.90 (anhyd.)

m.p.: > 285°C

CAS Registry No.: 83-74-9 (free base)

Chemical Name: 12-Methoxyibogamine hydrochloride

Physical Properties: White solid. $[\alpha]_D^{22} = -54.6^\circ$ (c = 0.5, water).

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 water or methanol.

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. 4920.
2. Maisonneuve, I.M., Keller, R.W. Jr., Glick, S.D. "Interactions between ibogaine, a potential anti-addictive agent, and morphine: An in vivo microdialysis study." *Eur. J. Pharmacol.* **199**, 35-42 (1991).
3. Glick, S.D., Rossman, K., Steindorf, S., Maisonneuve, I.M., Carlson, J.N. "Effects and aftereffects of ibogaine on morphine self-administration in rats." *Eur. J. Pharmacol.* **195**, 341-345 (1991).
4. Maisonneuve, I.M., Rossman, K.L., Keller, R.W. Jr., Glick, S.D. "Acute and prolonged effects of ibogaine on brain dopamine metabolism and morphine-induced locomotor activity in rats." *Brain Res.* **575**, 69-73 (1992).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (I)

Rev. 7/97

Sigma-RBI brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.