Cat. No. E5137

ECGONINE HYDROCHLORIDE--DEA SCHEDULE II

Cocaine metabolite; amino alcohol portion of the cocaine molecule, obtained by hydrolysis of cocaine.

**Mol. Formula:** C₉H₁₅NO₃·HCl

**Mol. Wt.:** 221.68 (anhyd.)

**m.p.:** 246-247°C

**CAS Registry No.:** 481-37-8

**Chemical Name:** (−)-3β-Hydroxy-1αH,5αH-tropane-2β-carboxylic acid hydrochloride

**Physical Properties:** White solid; [α]D²⁵ = -46.1° (c = 4.4, H₂O).

**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. RTECS No. YM2785000.

**Storage:** Store tightly sealed at room temperature.

**Solubility:** Soluble in water; slightly soluble in ethanol.

**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:**


CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (II)

Rev. 6/97

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