



## Product Information

Cat. No. N2279  
NORCOCAINE--DEA SCHEDULE II

Cocaine metabolite; PET precursor.

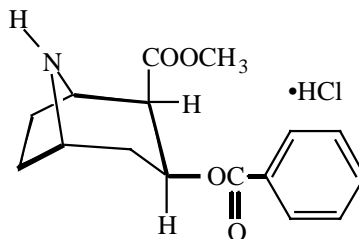
**Mol. Formula:**  $C_{16}H_{19}NO_4 \cdot HCl$

**Mol. Wt.:** 325.79 (anhyd.)

**m.p.:** 115-116°C

**CAS Registry No.:** 18717-72-1

**Chemical Name:** [1R-(exo,exo)]-3-(Benzoyloxy)-8-azabicyclo[3.2.1]octane-2-carboxylic acid methyl ester hydrochloride



**Physical Properties:** White hygroscopic 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.

**Storage:** Store desiccated at -20°C.

**Solubility:** Soluble in ethanol (18 mg/ml), 0.1N HCl (11 mg/ml) or water (7.5 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. Hawks, R.L., Kopin, I.J., Colburn, R.W., Thoa, N.B. "Norcocaine, a pharmacologically active metabolite of cocaine found in brain." *Life Sci.* **15**, 2189-2195 (1974).
2. Borne, R.F., Bedford, J.A., Buelke, J.L., Craig, C.B., Hardin, T.C., Kibbe, A.H., Wilson, M.C. "Biological effects of cocaine derivatives. I: improved synthesis and pharmacological evaluation of norcocaine." *J. Pharm. Sci.* **66**, 119-120 (1977).
3. Mule, S.J., Casella, G.A., Misra, A.L. "Intracellular disposition of [ $^3H$ ]-cocaine, [ $^3H$ ]-norcocaine, [ $^3H$ ]-benzoylecognine and [ $^3H$ ]-benzoynorecognine in the brain of rats." *Life Sci.* **19**, 1585-1596 (1976).

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (II)

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