



Product Information

Cat. No. H-162

m-HYDROXYBENZOYLECGONINE

Metabolite of cocaine.

Mol. Formula: C₁₆H₁₉NO₅

Mol. Wt.: 305.33 (anhyd.)

m.p.: 243-245°C

CAS Registry No.: 129944-99-6

Chemical Name: [1R-(exo,exo)]-3-[(3-Hydroxybenzoyl)oxy]-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid

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 water (>100 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. Steele, B.W., Bandstra, E.S., Wu, N.C., Hime, G.W., Hearn, W.L. "m-Hydroxybenzoylecgonine: An important contributor to the immunoreactivity in assays for benzoylecgonine in meconium." *J. Anal. Toxicol.* **17**, 348-352 (1993).
2. Zhang, J.Y., Foltz, R.L. "Cocaine metabolism in man: Identification of four previously unreported cocaine metabolites in human urine." *J. Anal. Toxicol.* **14**, 201-205 (1990) .

CONTROLLED SUBSTANCE - DEA LICENSE REQUIRED (II)

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