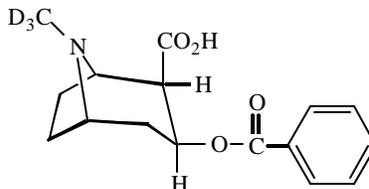


Product Information

Cat. No. B-163

BENZOYLECGONINE (N-METHYL-d₃, 98%)

Reference standard for cocaine analysis.

**Mol. Formula:** C₁₆H₁₆D₃NO₄**Mol. Wt.:** 292.36 (anhyd.)**CAS Registry No.:** 115732-68-8**Chemical Name:** 3β-Hydroxy-1αH,5αH-tropane-2β-carboxylic acid benzoate (N-methyl-d₃, 98%)

Physical Properties: Photosensitive methanol solution containing 0.1 mg/ml. Product supplied in a sealed glass ampoule. When opening the ampoule, gloves and safety goggles are recommended: cover the ampoule with a cloth and place thumbs on the score line; while applying light pressure away from the body, snap the ampoule open.

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 the unopened ampoule at room temperature, protected from exposure to light. After opening, transfer to a small tightly sealed vial or other container and store at room temperature.

Solubility: Soluble in methanol.

Disposal: Dissolve or mix the compound with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

References:

1. Hernandez, A., Andollo, W., Hearn, W.L. "Analysis of cocaine and metabolites in brain using solid phase extraction and full-scanning gas chromatography/ion trap mass spectrometry." *Forensic Sci. Int.* **65**, 149-156 (1994).
2. Kintz, P., Mangin, P. "Simultaneous determination of opiates, cocaine and major metabolites of cocaine in human hair by gas chromatography/mass spectrometry (GC/MS)." *Forensic Sci. Int.* **73**, 93-100 (1995).
3. Moller, M.R., Fey, P., Rimbach, S. "Identification and quantitation of cocaine and its metabolites, benzoylecgonine and ecgonine methyl ester, in hair of Bolivian coca chewers by gas chromatography/mass spectrometry." *J. Anal. Toxicol.* **16**, 291-296 (1992).

A DEA LICENSE IS NOT REQUIRED FOR THIS SOLUTION.

Rev. 3/96