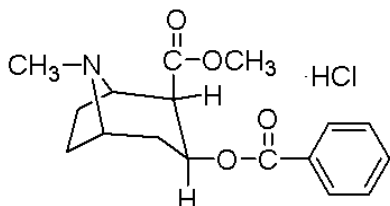


Product Information

Cocaine hydrochloride solution 1.0 mg/mL±5% in methanol drug standard

Catalog Number **C1528**
Lot Number 028K5011
Storage Temperature 2–8 °C

CAS RN 53-21-4
Synonyms: 3-(Benzoyloxy)-8-azabicyclo-[3.2.1]octane-2-carboxylic acid methyl ester hydrochloride; l-Cocaine hydrochloride; Ecgonine methyl ester bezoate hydrochloride; Benzoylmethylecgonine hydrochloride



Product Description

Molecular Formula: C₁₇H₂₁NO₄ · HCl
Molecular Weight: 339.81

DEA Class: Exempt preparation of Class II

Concentration: 1.13 mg Cocaine Hydrochloride (equivalent to 1.009 mg of free base)/mL of GC grade methanol (concentration verified by UV)

Expiration Date: December 2014

Precautions and Disclaimer

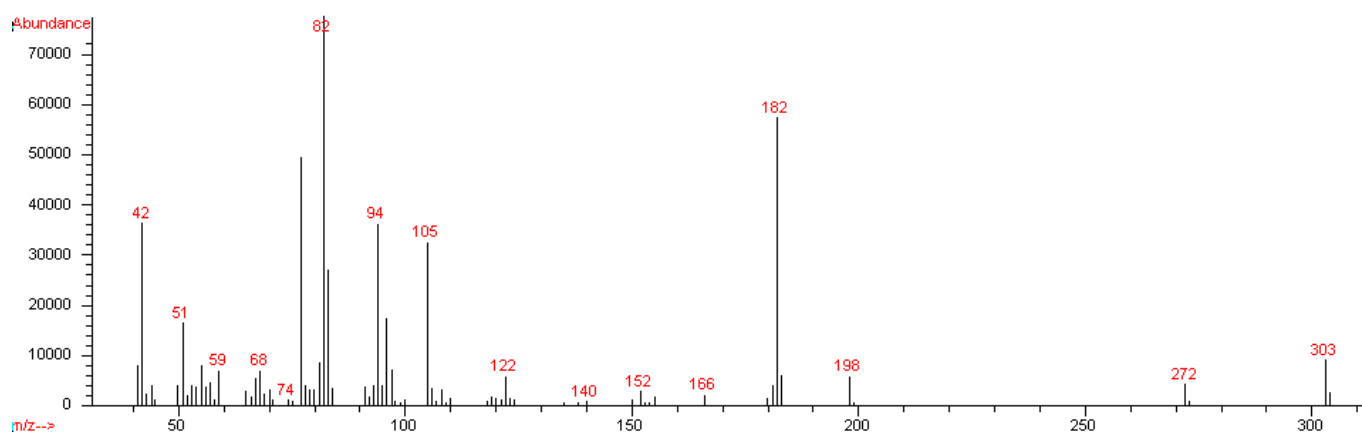
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the product at 2–8 °C. If stored at 2–8 °C in an airtight container, protected from light, decomposition of the product is less than 1% in 24 months. After opening, concentration may change due to loss of solvent.

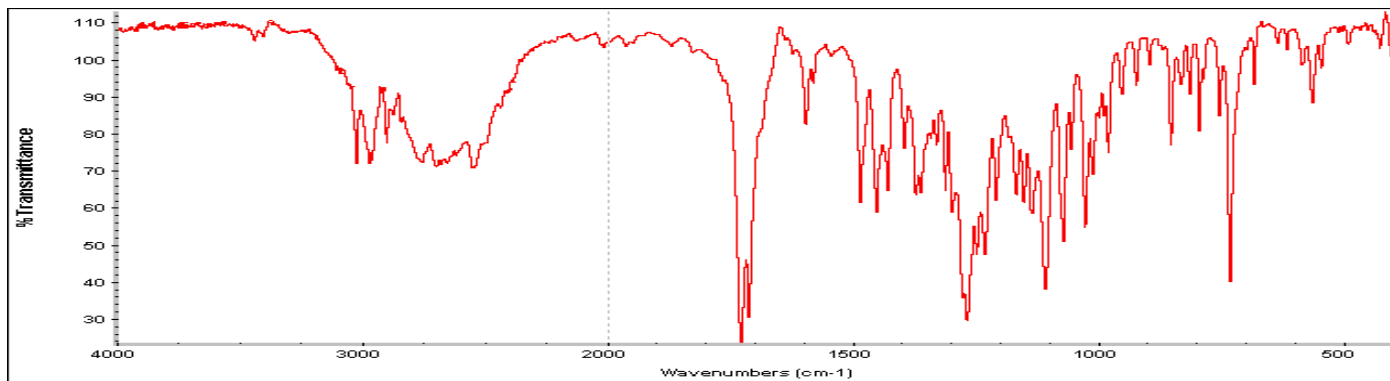
KSP,MAM 03/08-1

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR



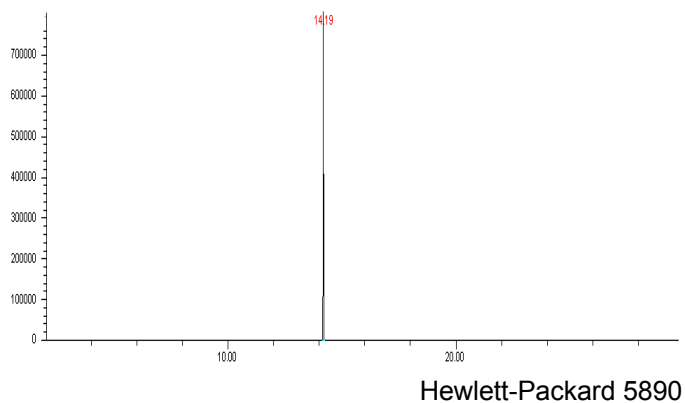
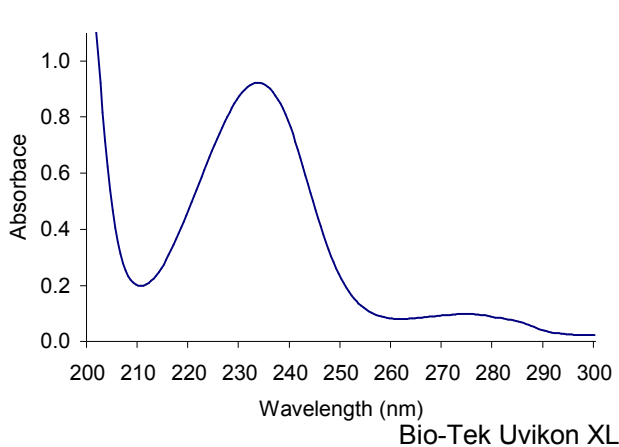
Nicolet Magna IR Spectrometer Series II

Ultraviolet Spectrum

Capillary Gas Chromatography

Peak 234 nm
Absorbance 0.9071
Solvent 0.2 N H₂SO₄
Dilution 1:49 (v/v)

Column Supelco SPB-1 (Catalog Number 24162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm
Oven Temperature 50 °C (2 minutes), then
15 °C/minute to 300 °C, hold 11 minutes
Injector Temperature 250 °C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



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