

Product Information

COCAINE HYDROCHLORIDE

Methanol Solution

Product Number C 1528
Lot Number 41K88001
CAS Number [53-21-4]
Concentration 1.15 mg Cocaine Hydrochloride
(equivalent to 1.03 mg free base) /mL
GC grade methanol (conc. verified
by UV)
Molecular Formula C₁₇H₂₁NO₄ • HCl
Molecular Weight 339.8
DEA Class Exempt preparation of Class II

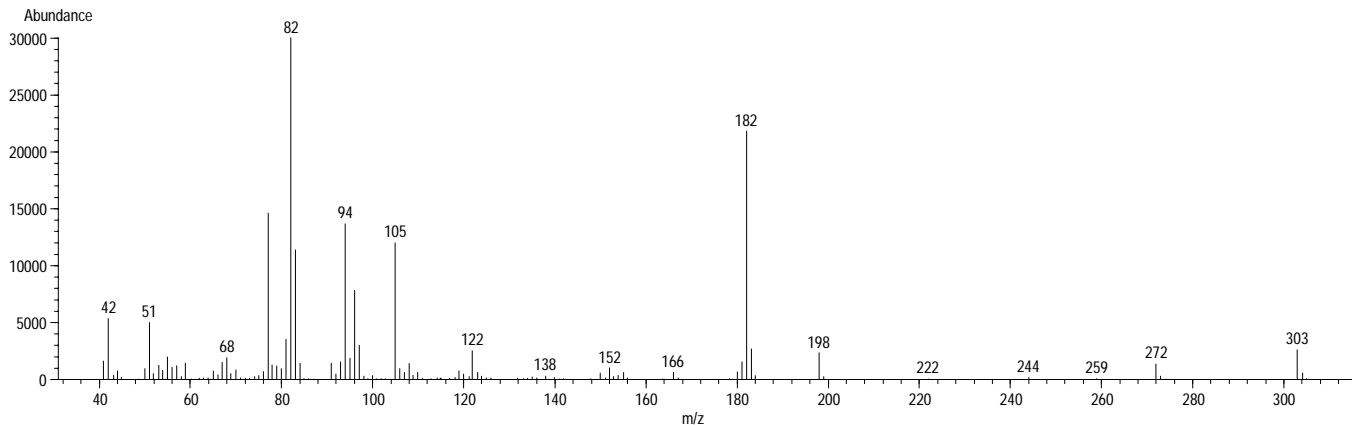
Synonyms 3-(Benzoyloxy)-8-azabicyclo-[3.2.1]octane-
2-carboxylic acid methyl ester hydrochloride;
l-Cocaine hydrochloride; Ecgonine methyl
ester bezoate hydrochloride;
Benzoylmethylecgonine hydrochloride

Stability If stored at 2-8°C in an air tight 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.

Expiration Date December 2005

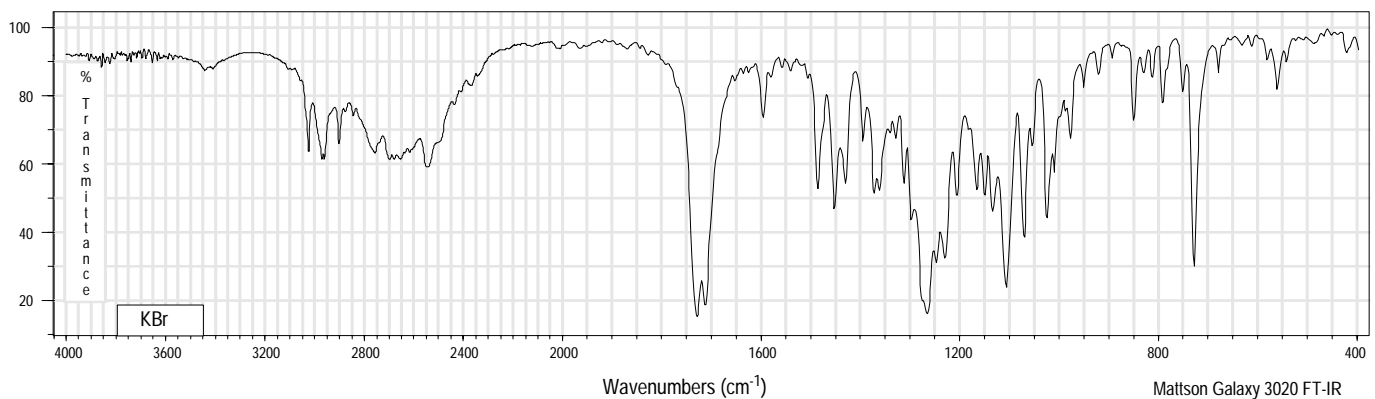
Storage 2-8°C; After opening, transfer contents to
small vial provided for your convenience.

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

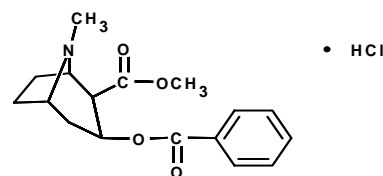


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Methanol Solution

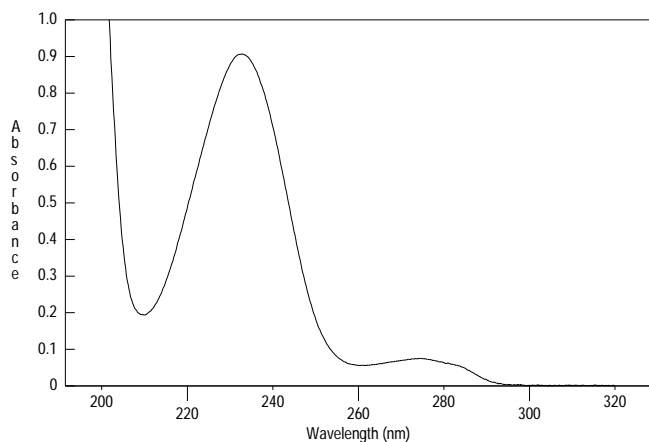
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Ultraviolet Spectrum

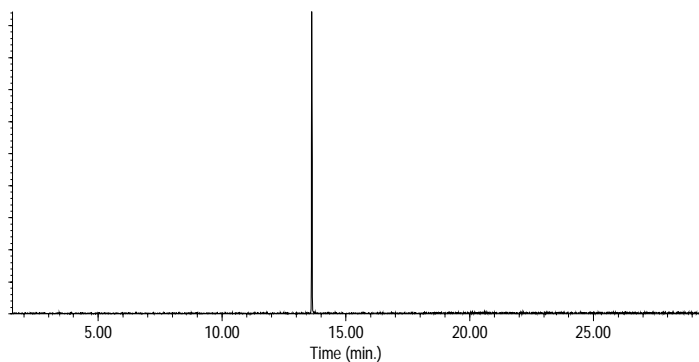
Peak	233.0 nm
Absorbance	0.907
Solvent	0.2 N H ₂ SO ₄
Dilution	1 : 49 (v/v)



Kontron Uvikon 940

Capillary Gas Chromatography

Column Supelco SPB-1 (Cat. No. 2-4162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μ m
Oven Temperature 50°C (2 min.), then 15°/min. to 300°C, hold 11 min.
Injector Temperature 250°C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

C 1528/41K88001/04/11/2003

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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