



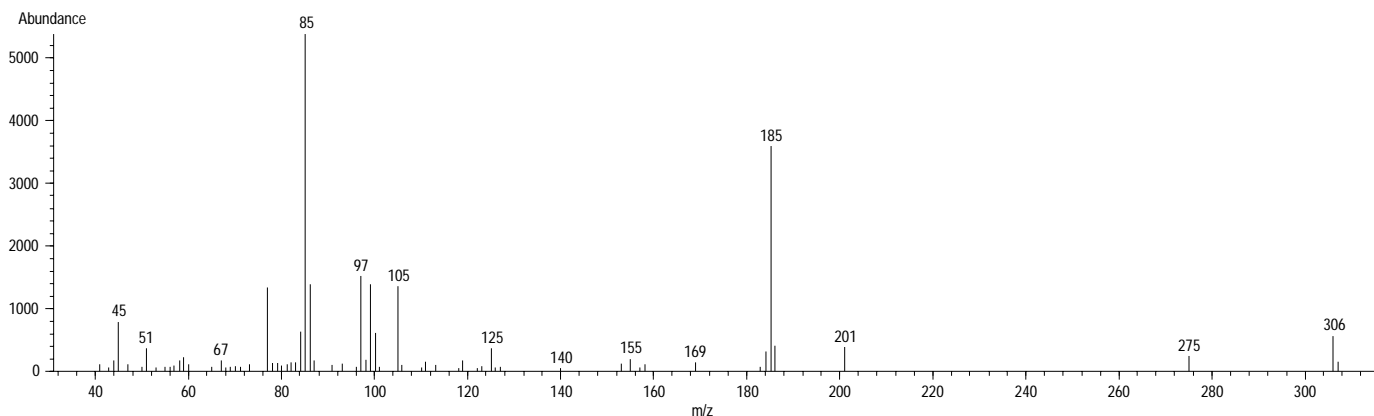
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## Product Information

### COCAINE- $d_3$ Methanol Solution

<b>Product Number</b>	C 3547	<b>Synonyms</b>	[1R-(exo,exo)]-3-(Benzoyloxy)-8-(methyl- $d_3$ )-8-azabicyclo[3,2,1]octane-2-carboxylic acid methyl ester; [N-methyl- $d_3$ ] Benzoylcegonine methyl ester; Neurocaine- $d_3$
<b>Lot Number</b>	121K8803	<b>Stability</b>	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent.
<b>CAS Number</b>	[65266-73-1]	<b>Expiration Date</b>	September 2006
<b>Concentration</b>	100 µg Codeine- $d_3$ /mL 0.3 mM HCl in GC grade methanol (conc. verified by UV)		
<b>Molecular Formula</b>	$C_{17}D_3H_{18}NO_4$		
<b>Molecular Weight</b>	306.4		
<b>DEA Class</b>	Exempt preparation of Class II		

70 eV Electron Ionization Mass Spectrum

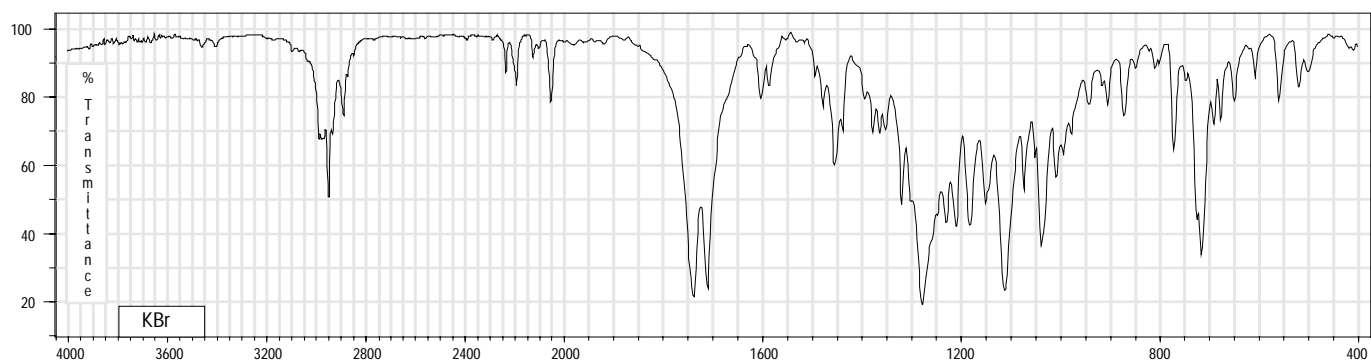


Hewlett-Packard 5890 Series II Gas Chromatograph  
Hewlett-Packard 5971 Mass Selective Detector  
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

### FT-IR

#### Storage

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

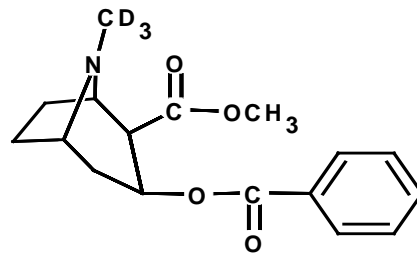


# COCAINE- $d_3$

Methanol Solution

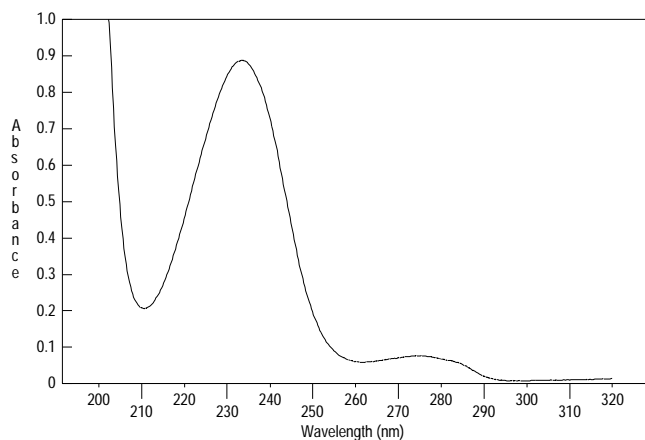
Product Number C 3547

Lot Number 121K8803



## Ultraviolet Spectrum

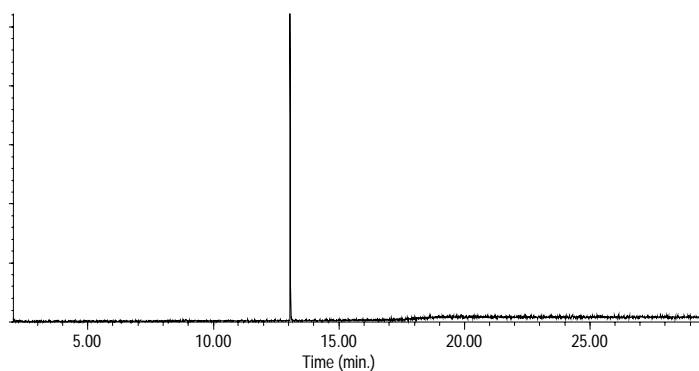
<b>Peak</b>	233.5 nm
<b>Absorbance</b>	0.887
<b>Solvent</b>	0.2 N H <sub>2</sub> SO <sub>4</sub>
<b>Dilution</b>	1 : 4 (v/v)



Bio-Tek Uvikon XL

## Capillary Gas Chromatography

**Column** Supelco SPB-1 (Cat. No. 2-4162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20  $\mu$ m  
**Oven Temperature** 50°C (2 min.), then 15°/min. to 300°C, hold 11 min.  
**Injector Temperature** 175°C, Split  
**Detector** Hewlett-Packard 5971  
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

C 3547/121K8803/01/18/02

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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