

## Product Information

### COCAINE-d<sub>3</sub> Methanol Solution

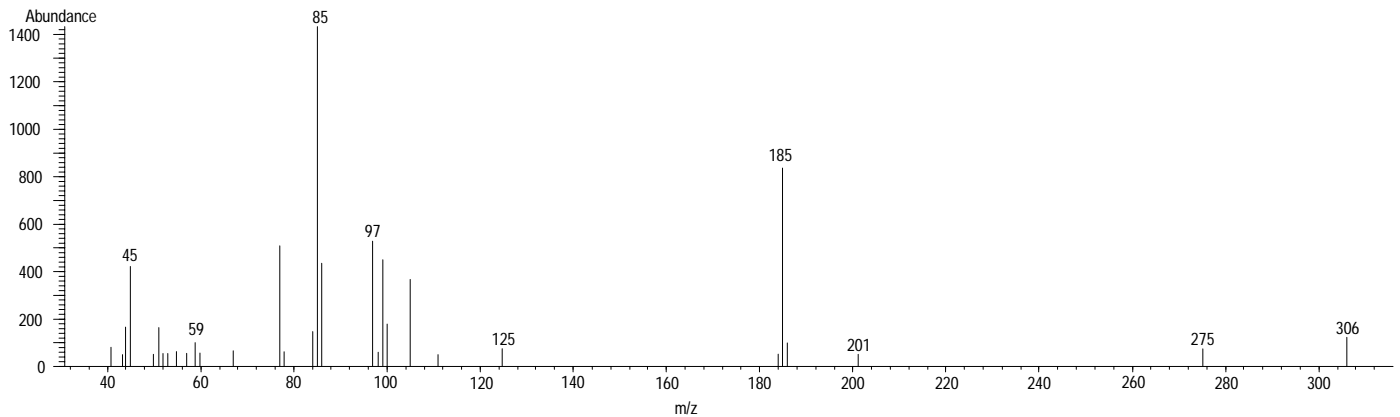
**Product Number** C 3547  
**Lot Number** 064K8815  
**CAS Number** [65266-73-1]  
**Concentration** 101.7 µg Codeine-d<sub>3</sub>/mL GC grade methanol (conc. verified by UV)  
**Molecular Formula** C<sub>17</sub>D<sub>3</sub>H<sub>18</sub>NO<sub>4</sub>  
**Molecular Weight** 306.4  
**DEA Class** Exempt preparation of Class II

**Synonyms** [1R-(exo,exo)]-3-(Benzoyloxy)-8-(methyl-d<sub>3</sub>)-8-azabicyclo[3,2,1]octane-2-carboxylic acid methyl ester; [N-methyl-d<sub>3</sub>] Benzoylcegonine methyl ester; Neurocaine-d<sub>3</sub>

**Stability** 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.

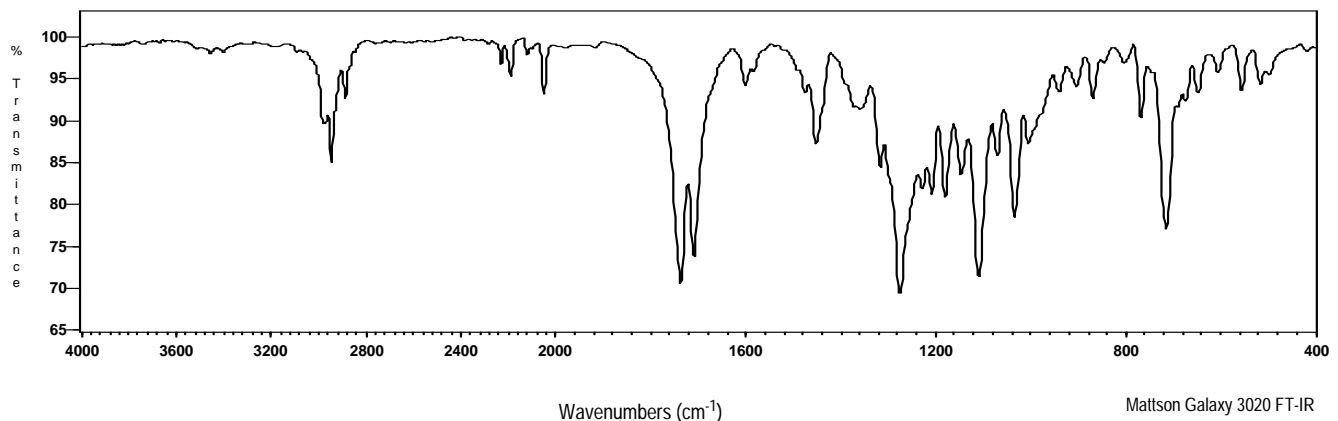
**Expiration Date** December 2009  
**Storage** 2-8°C.

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

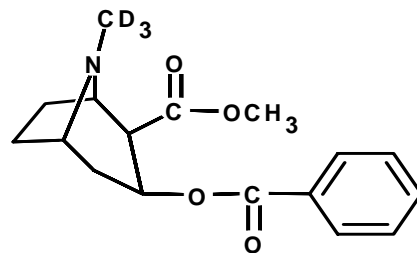


# COCAINE-d<sub>3</sub>

Methanol Solution

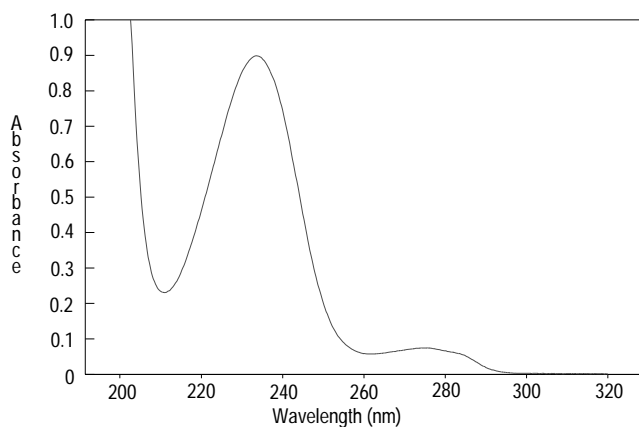
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## Ultraviolet Spectrum

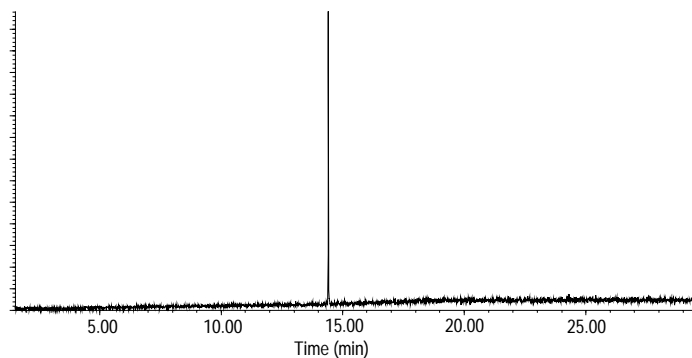
<b>Peak</b>	233.5 nm
<b>Absorbance</b>	0.887
<b>Solvent</b>	0.2 N H <sub>2</sub> SO <sub>4</sub>
<b>Dilution</b>	1:4 (v/v)



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 μm  
**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 3547/064K8815/11/5/04

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