

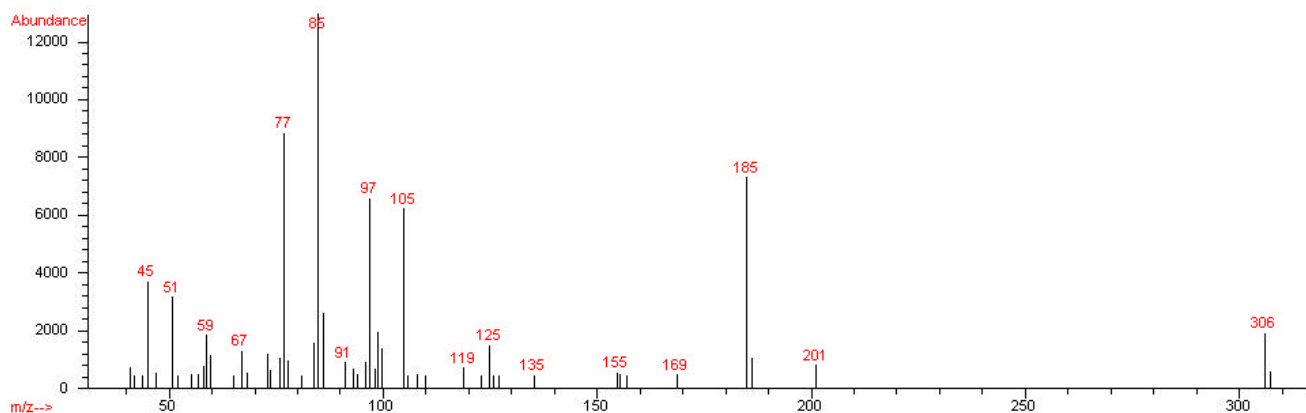
Product Information

COCAINE-d₃

Methanol Solution

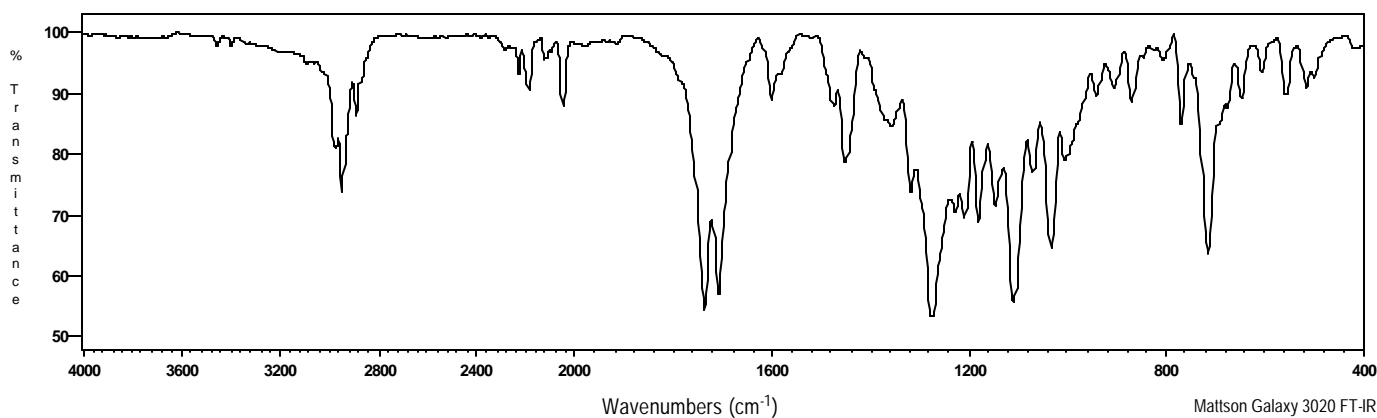
Product Number	C 3547	Synonyms	[1R-(exo,exo)]-3-(Benzoyloxy)-8-(methyl-d ₃)-8-azabicyclo[3,2,1]octane-2-carboxylic acid methyl ester; [N-methyl-d ₃] Benzoylcegonine methyl ester; Neurocaine-d ₃
Lot Number	075K8806	Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent.
CAS Number	[65266-73-1]	Expiration Date	December 2009
Concentration	100.6 µg Cocaine-d ₃ /mL GC grade methanol (conc. verified by UV)	Storage	2-8°C.
Molecular Formula	C ₁₇ D ₃ H ₁₈ NO ₄		
Molecular Weight	306.4		
DEA Class	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



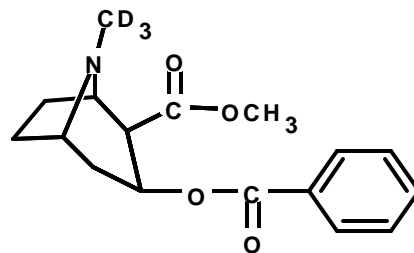
Mattson Galaxy 3020 FT-IR
 KBr pellet

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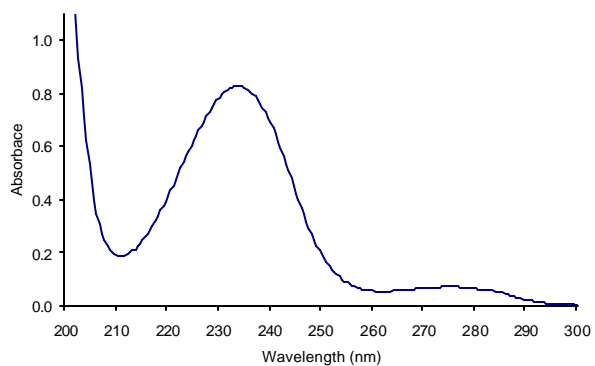
Product Number C 3547

Lot Number 075K8806



Ultraviolet Spectrum

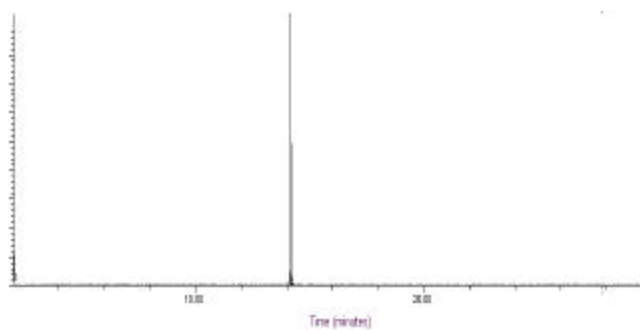
Peak	233.5 nm
Absorbance	0.894
Solvent	0.2 N H ₂ SO ₄
Dilution	1:4 (v/v)



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

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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