

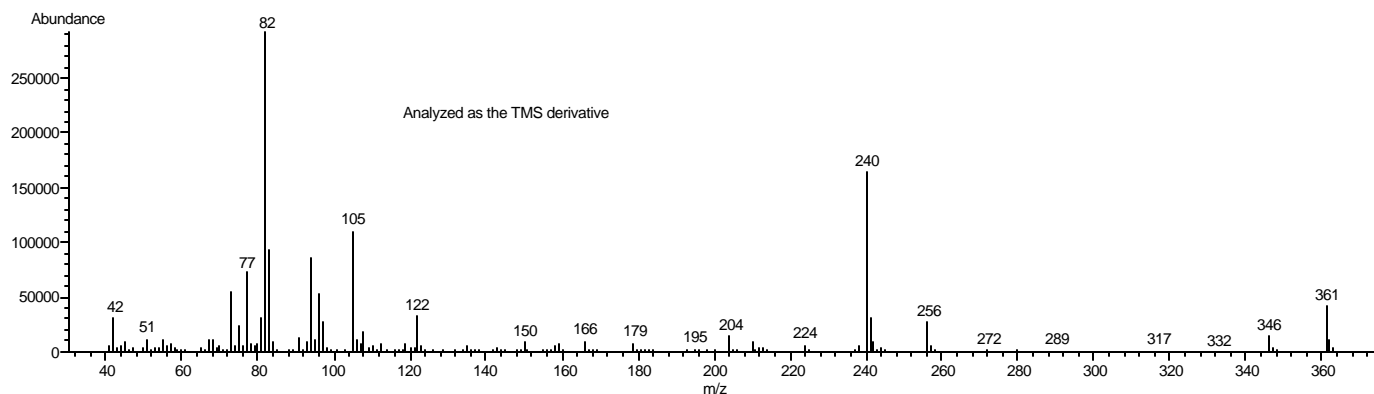
Product Information

BENZOYLECGONINE

Methanol Solution

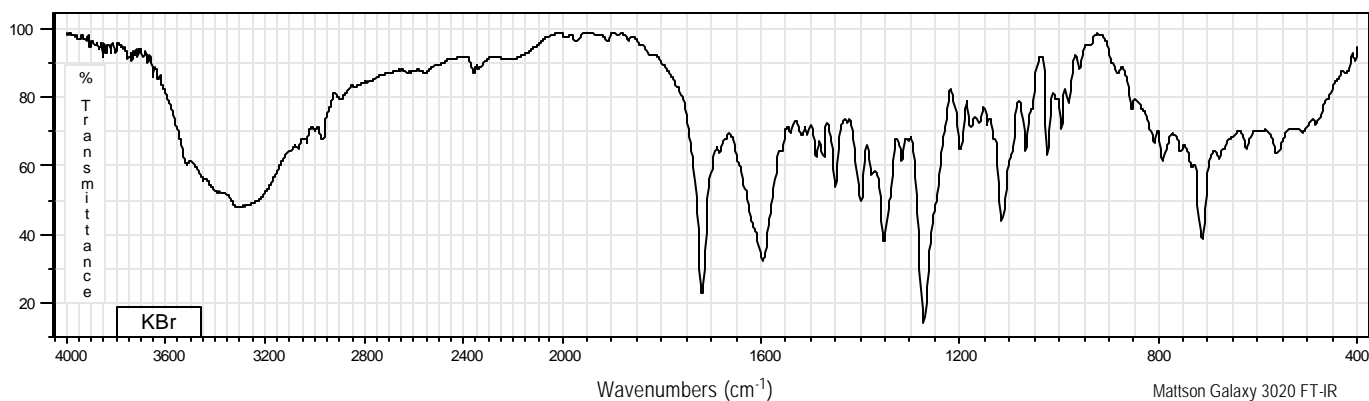
Product Number	B8900	Synonyms	Ecgonine Benzoate, 3-(Benzoyloxy)-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid
Lot Number	81K88021	Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 24 months. After opening, concentration may change due to loss of solvent.
CAS Number	[519-09-5]	Expiration Date	June 2007
Concentration	1.02 mg Benzoylcegonine/mL GC grade Methanol (conc. verified by UV)	Storage	2-8°C; After opening, transfer contents to small vial provided for your convenience.
Molecular Formula	C ₁₆ H ₁₉ NO ₄ • 4H ₂ O		
Molecular Weight	361.3		
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

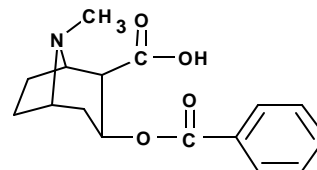


BENZOYLECGONINE

Methanol Solution

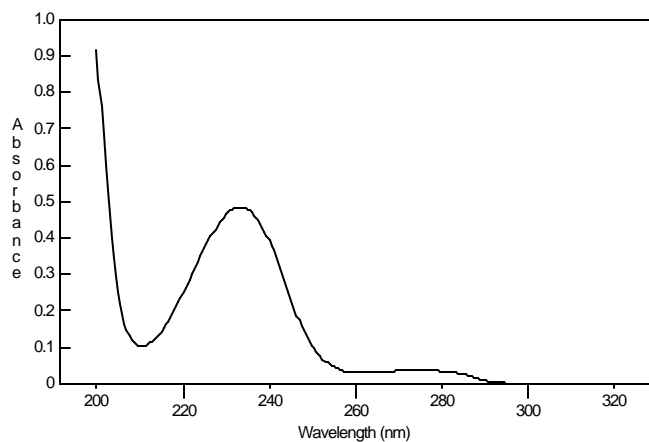
Product Number B8900

Lot Number 81K88021



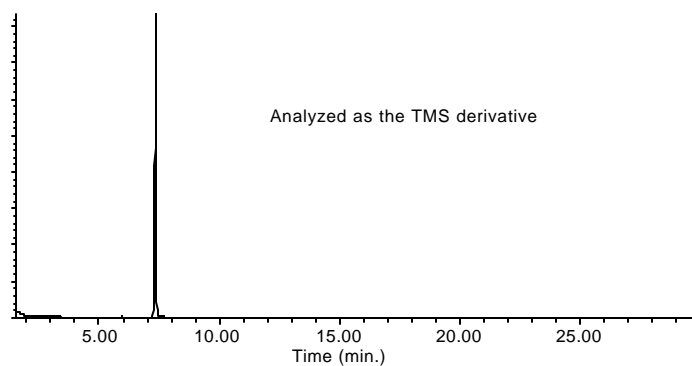
Ultraviolet Spectrum

Peak	235.5 nm
Absorbance	0.484
Solvent	0.2 N H ₂ SO ₄
Dilution	1 : 99 (v/v)



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 150°C (2min.), then 15°/min to 300°C, hold 18 min.
Injector Temperature 250°C, Splitless
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



B 8900/81K88021/09/23/03

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

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications.

Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.