

Product Information

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2-(Methylamino)propiophenone hydrochloride solution, 1.0 mg/mL $\pm$ 5% in methanol drug standard

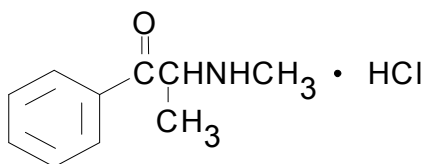
Catalog Number **M8536**

Lot Number 127K5011

Storage Temperature 2–8 °C

CAS RN 49656-78-2

Synonyms: 2-(Methylamino)-1-phenyl-1-propanone
hydrochloride; Methcathinone hydrochloride



Product Description

Molecular Formula: C₁₀H₁₃NO · HCl

Molecular Weight: 199.68

DEA Class: Exempt preparation of Class I

Concentration: 1.213 mg ($\pm$)-2-(methylamino)-
propiophenone hydrochloride (equivalent to 0.9915 mg
free base)/mL GC grade methanol, concentration
verified by UV.

Expiration Date: January 2011

Precautions and Disclaimer

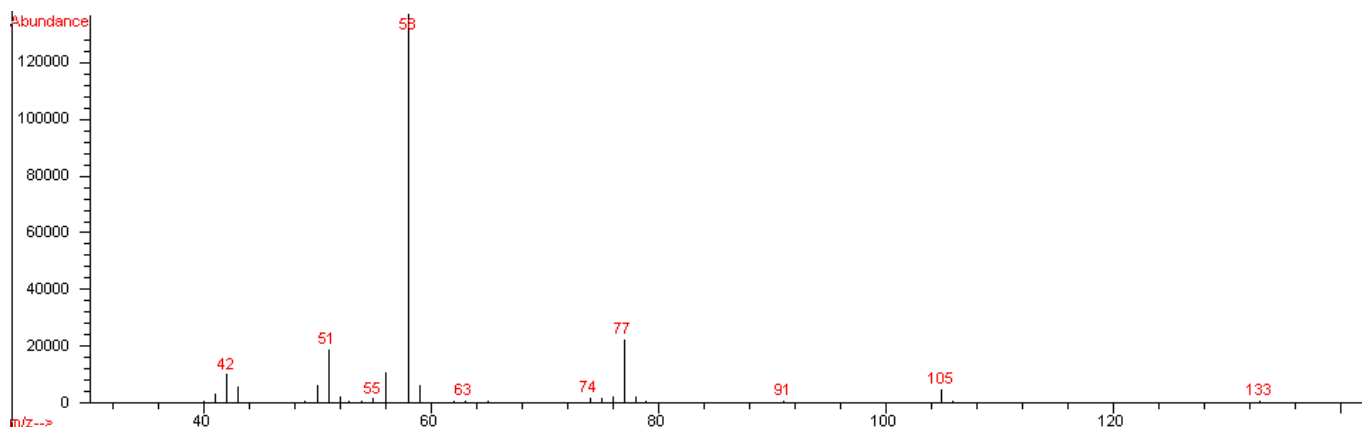
This product is for R&D use only, not for drug,
household, or other uses. Please consult the Material
Safety Data Sheet for information regarding hazards
and safe handling practices.

Storage/Stability

Store the product at 2–8 °C. If stored at 2–8 °C in an
airtight container, protected from light, decomposition of
the product is less than 1% in 36 months. After
opening, concentration may change due to loss of
solvent.

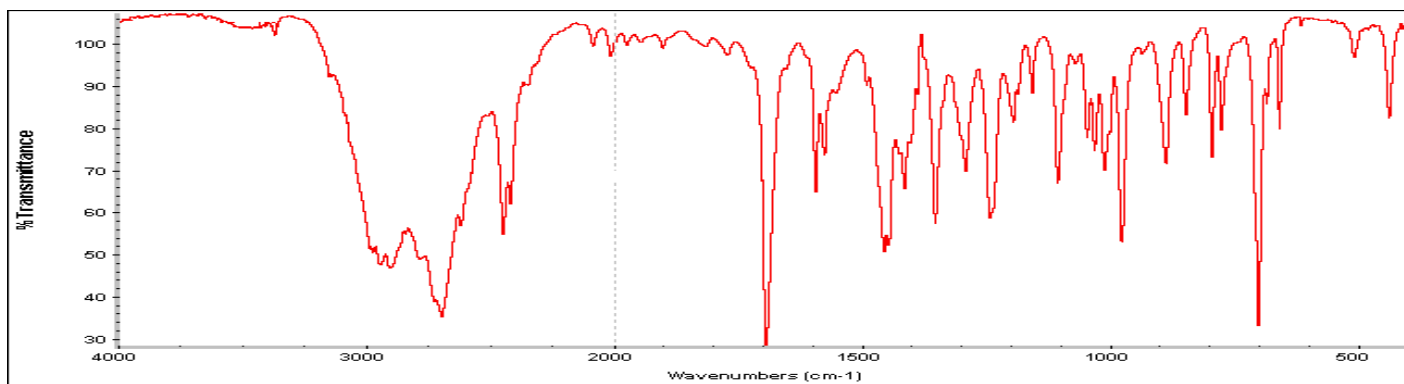
KSP,MAM 02/08-1

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)

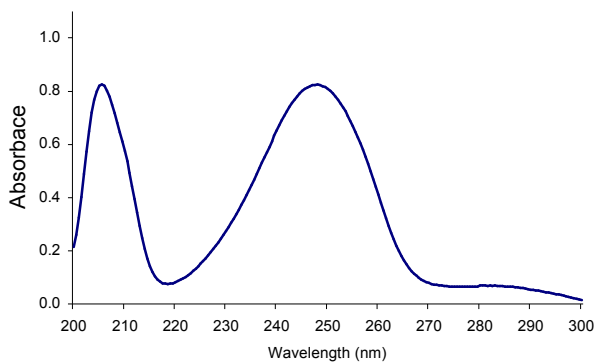
FT-IR



Nicolet Magna IR Spectrometer Series II

Ultraviolet Spectrum

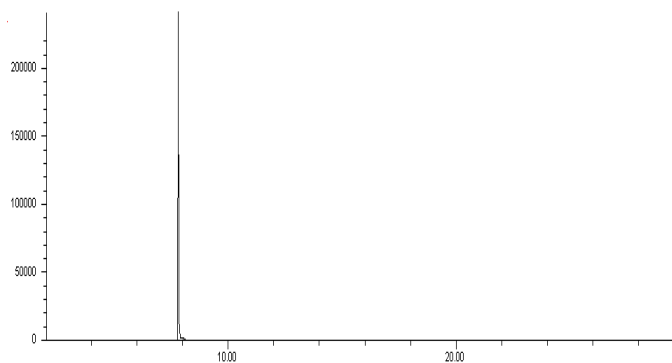
Peak	247.5 nm
Absorbance	0.8707
Solvent	GC grade methanol
Dilution	1:99 (v/v)



Bio-Tek Uvikon XL

Capillary Gas Chromatography

Column Supelco SPB-1 (Catalog Number 24162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μ m
Oven Temperature 50 °C (2 minutes), then
15 °C/minute to 300 °C, hold 11 minutes
Injector Temperature 250 °C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

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