

Product Information

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

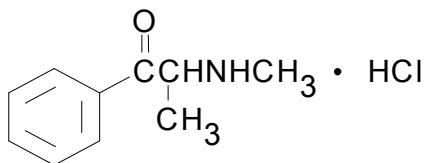
Catalog Number **M8536**

Lot Number 048K8706

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: 1.22 mg (\pm)-2-(methylamino)-propiophenone hydrochloride (equivalent to 1.00 mg of free base)/mL of GC grade methanol (concentration verified by UV)

Expiration Date: March 2011

Precautions and Disclaimer

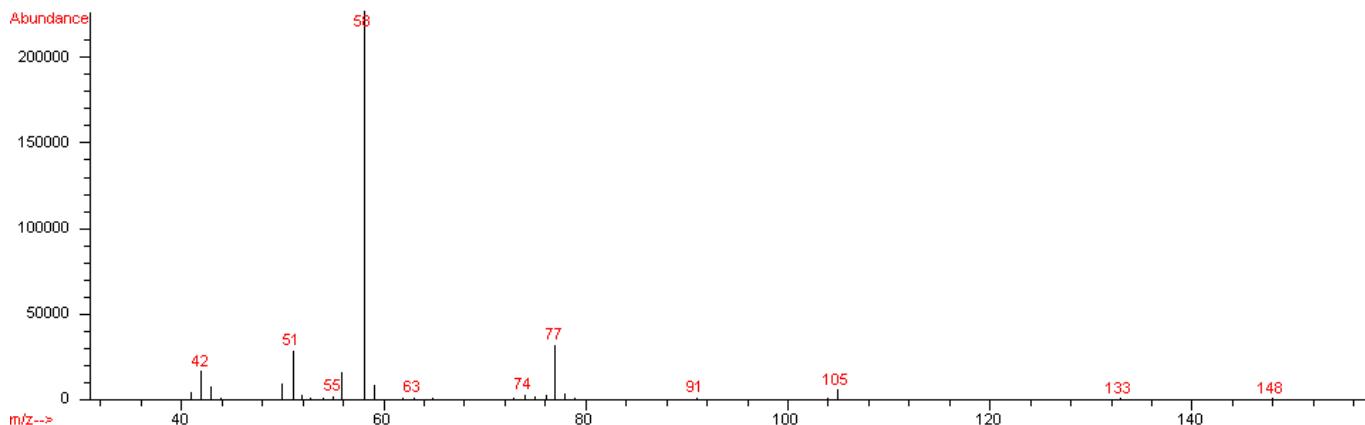
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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.

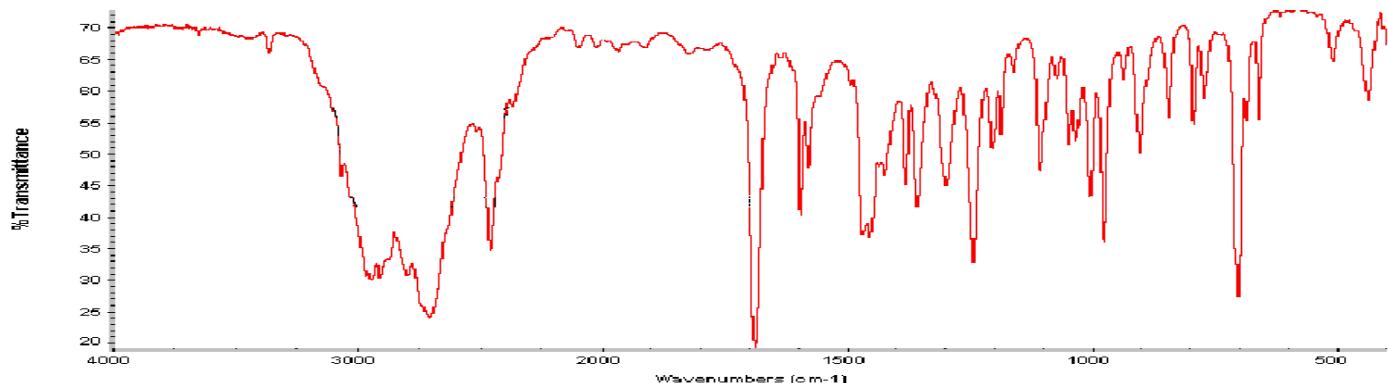
JES,MAM 04/08-1

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



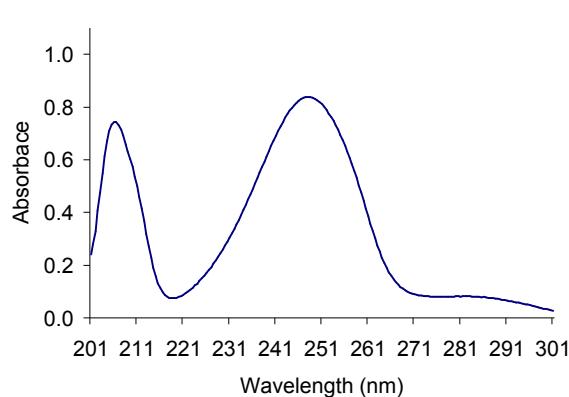
Nicolet Magna IR Spectrometer Series II

Ultraviolet Spectrum

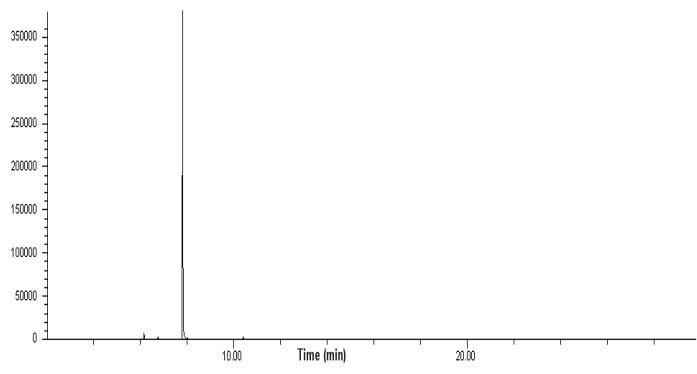
Peak	247.5 nm
Absorbance	0.8380
Solvent	GC grade methanol
Dilution	1:99 (v/v)

Capillary Gas Chromatography

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



Bio-Tek Uvikon XL



Hewlett-Packard 5890

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