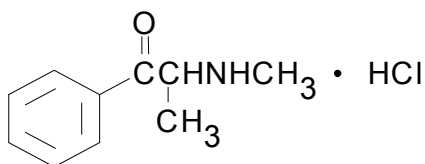


Product Information

2-(Methylamino)propiofenone hydrochloride
solution, drug standard
1.0 mg/mL±5% in methanol

Catalog Number **M8536**
Lot Number SLBK9380V
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: 1.24 mg (±)-2-(methylamino)-
propiofenone hydrochloride (equivalent to 1.01 mg of
free base)/mL of GC grade methanol (concentration
verified by UV)

Expiration Date: September 2017

Precautions and Disclaimer

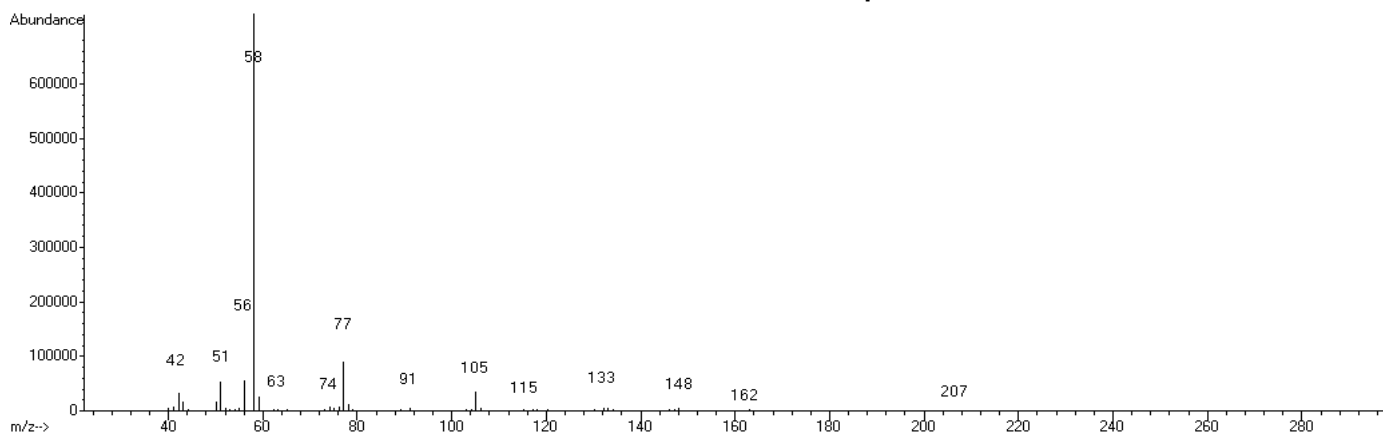
This product is for R&D use only, not for drug,
household, or other uses. Please consult the Safety
Data Sheet for information regarding hazards and safe
handling practices.

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.

CMW, MAM 01/16-1

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 6890 Series II Gas Chromatograph
Hewlett-Packard 5973 Mass Selective Detector
Hewlett-Packard G1701DA MS ChemStation (HP-DOS series)

FT-IR



Nicolet 380 FT-IR Thermo Smart Orbit

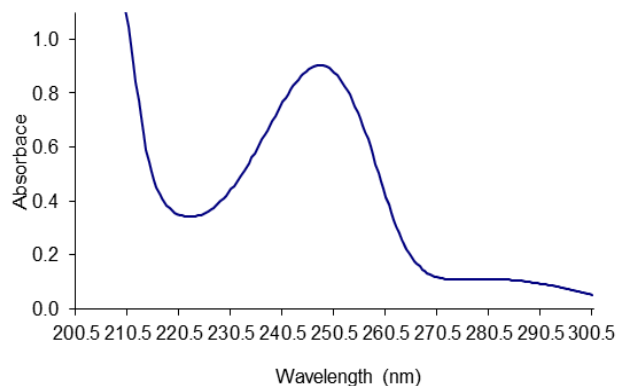
Ultraviolet Spectrum

Peak	247 nm
Absorbance	0.9043
Solvent	GC grade methanol
Dilution	1:99 (v/v)

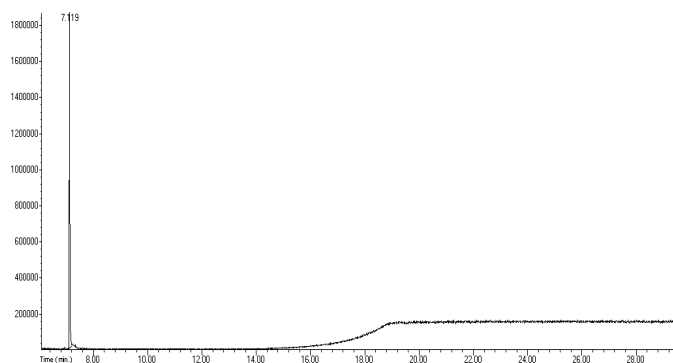
Capillary Gas Chromatography

Column Supelco SPB-1 (Catalog Number 24162)
I.D. 0.20 mm **Length** 15 m **Film Thickness** 0.20 μm
Oven Temperature 50 °C (2 minutes), then
15 °C/minute to 300 °C, hold 11 minutes
Injector Temperature 250 °C, Split
Detector Hewlett-Packard 5973
Mass Selective Detector (70 eV, 40-500 m/z)

Assayed as the free base



Beckman-Coulter DU 800



Hewlett-Packard 6890