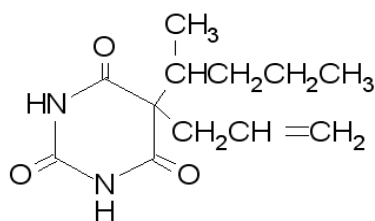


Product Information

Secobarbital solution
1.0 mg/mL±5% in methanol
drug standard

Catalog Number **S4006**
Lot Number 058K8715
Storage Temperature 2–8 °C

CAS RN 76-73-3
Synonyms: 5-(1-Methylbutyl)-5-(2-propenyl)-
2,4,6(1H,3H,5H)-pyrimidinetrione; Meballymal;
5-Allyl-5(1-methylbutyl)barbituric acid; Quinalbarbitone



Product Description
Molecular Formula: C₁₂H₁₈N₂O₃
Molecular Weight: 238.28

DEA Class: Exempt preparation of Class II

Concentration: 1.01 mg of Secobarbital /mL of GC grade methanol, concentration verified by UV.

Expiration Date: May 2012

Precautions and Disclaimer

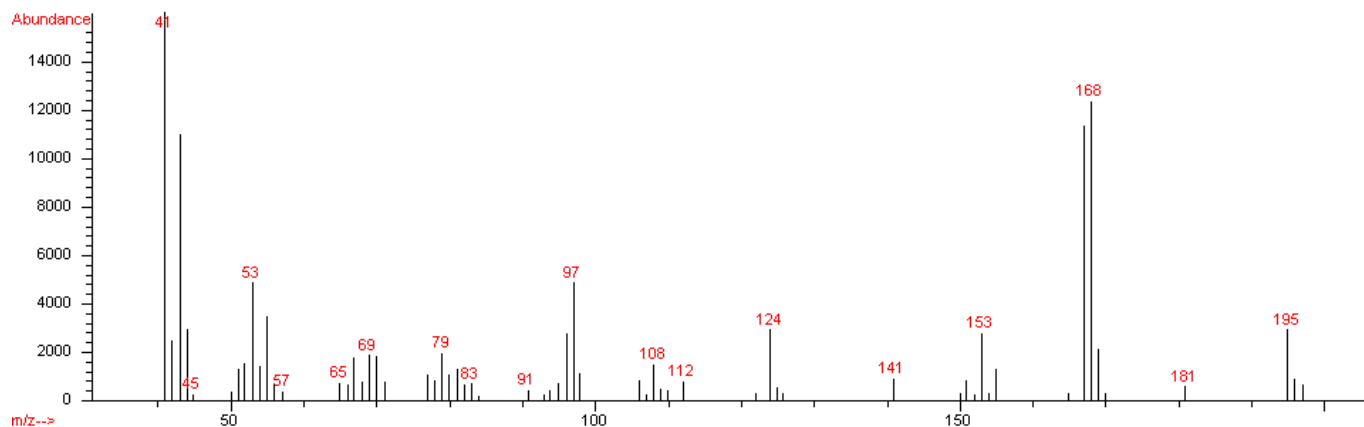
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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 48 months. After opening, concentration may change due to loss of solvent.

CW,JES,MAM 06/08-1

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

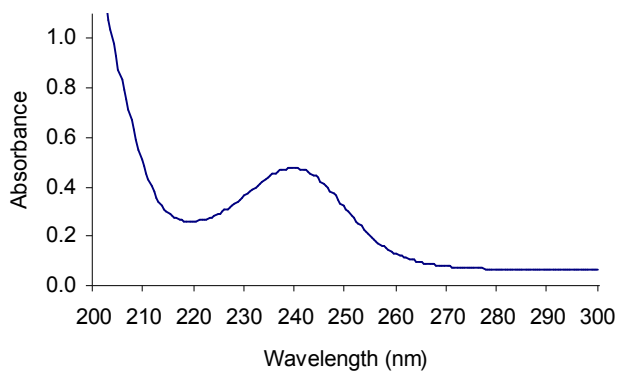
Nicolet Magna IR Spectrometer Series II

Ultraviolet Spectrum

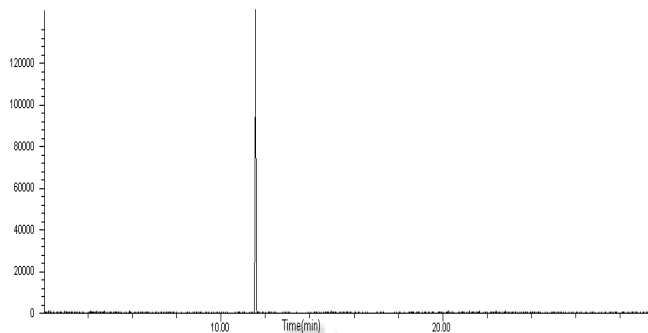
Capillary Gas Chromatography

Peak 239.5 nm
Absorbance 0.4763
Solvent 50 mM Borax
Dilution 1:99 (v/v)

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 5971
 Mass Selective Detector (70 eV, 40-500 m/z)



Beckman-Coulter DU 800



Hewlett-Packard 5890

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