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Product Information

CODEINE-D₃ HYDROCHLORIDE

Methanol Solution

Product Number C 3672
Lot Number 104K8804
CAS Number [70420-71-2]
Concentration 114.7 µg Codeine-d₃ Hydrochloride
(equivalent to 102.5 µg free base)/mL
GC grade methanol (conc. corrected for
water content and verified by UV)

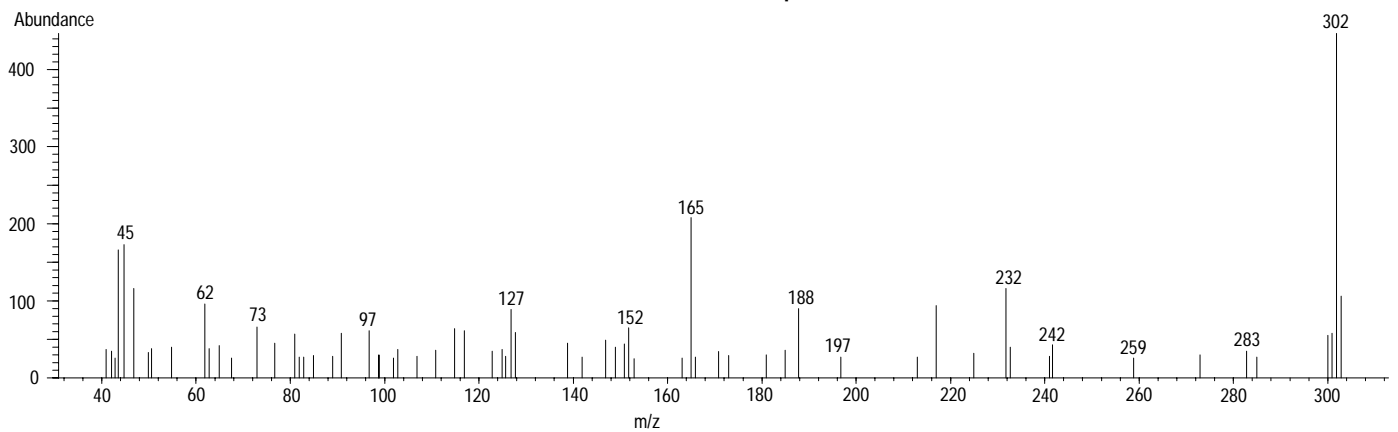
Molecular Formula C₁₈H₁₈D₃NO₃ • HCl • 2H₂O
Molecular Weight 374.9
DEA Class Exempt preparation of Class II

Synonyms 7,8-Didehydro-4,5-epoxy-3-methoxy-17-
[methyl-d₃]morphinan-6-ol; 3-O-
Methylmorphine(N-methyl-d₃)

Stability If stored at 2-8°C in an air tight container,
protected from light, decomposition of the
product is less than 1% in 12 months. After
opening, concentration may change due to
loss of solvent.

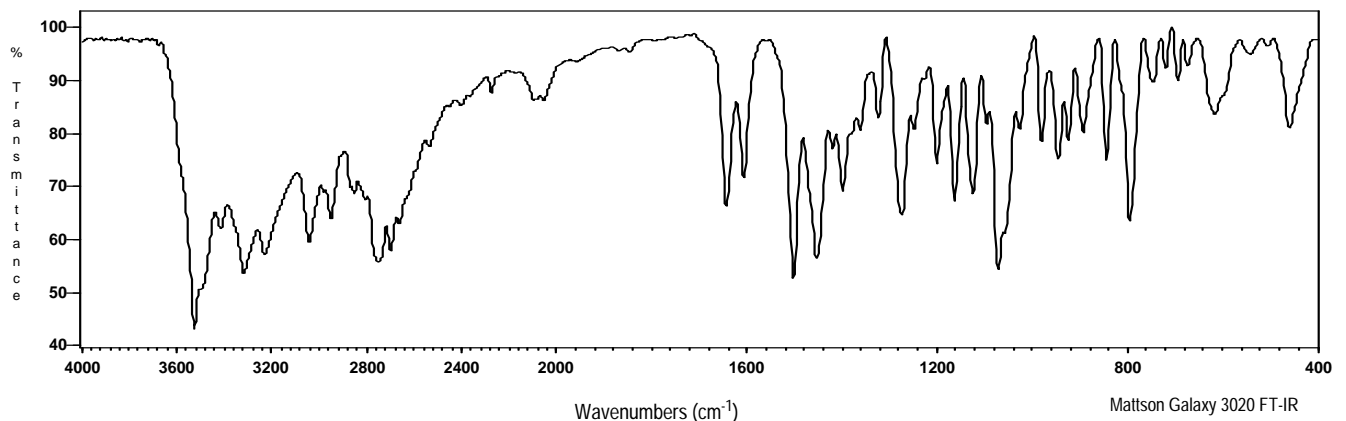
Expiration Date December 2008
Storage 2-8°C.

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

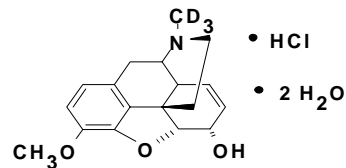


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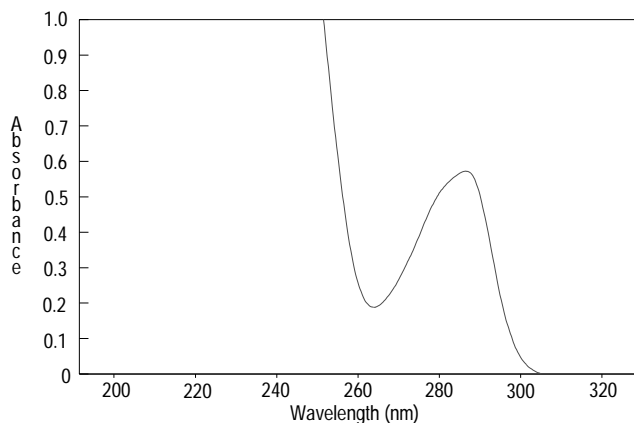
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Ultraviolet Spectrum

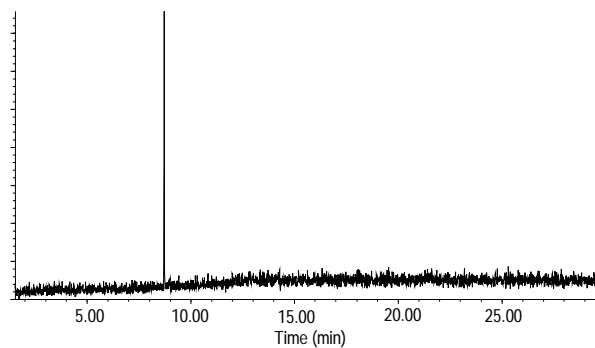
Peak	286.5 nm
Absorbance	0.573
Solvent	Methanol
Dilution	neat (v/v)



Bio-Tek Uvikon XL

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)



Hewlett-Packard 5890

C 3672/104K8804/11/5/04

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