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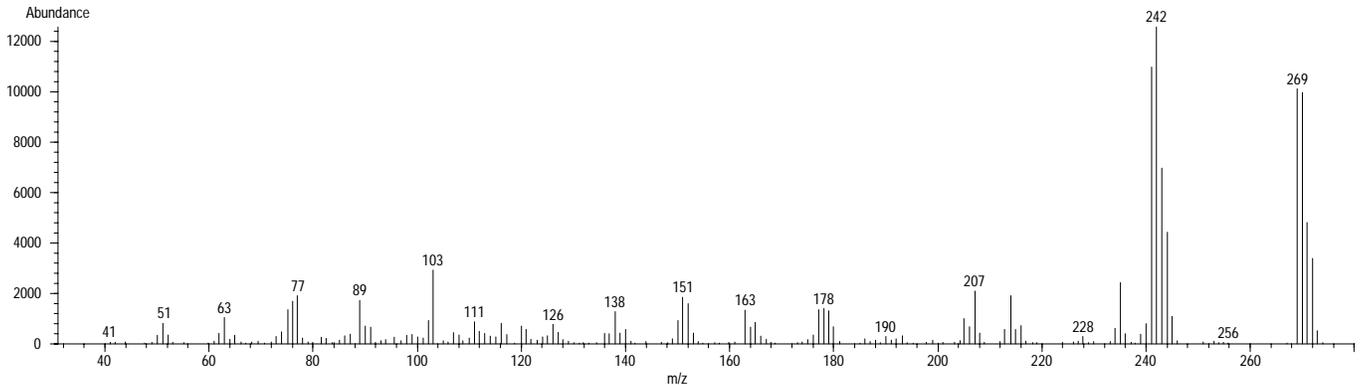
Product Information

DESMETHYLDIAZEPAM

Methanol Solution

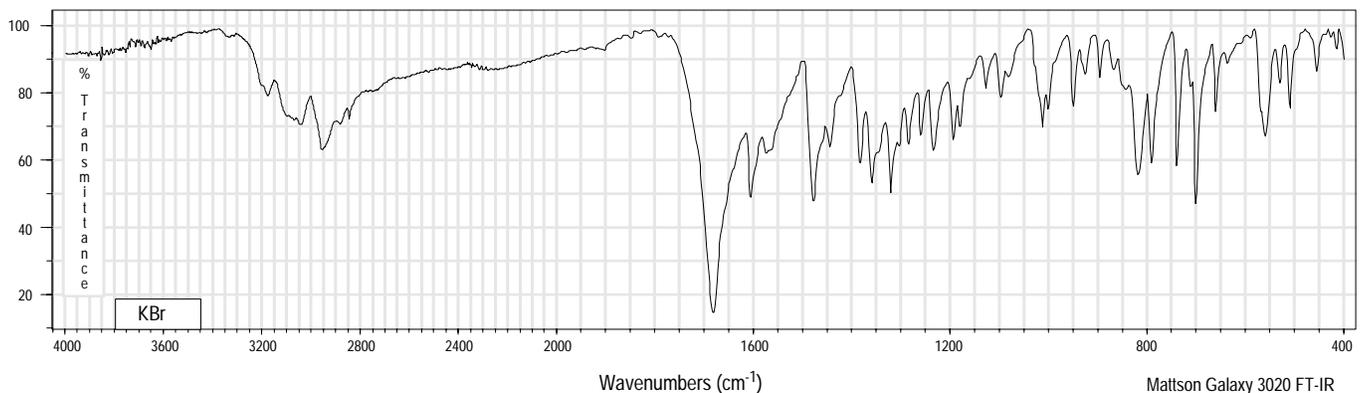
Product Number	D 3162	Synonyms	Demethyl diazepam, Nordazepam, Nordiazepam
Lot Number	22K88061	Stability	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 24 months. After opening, concentration may change due to loss of solvent.
CAS Number	[1088-11-5]	Expiration Date	June 2008
Concentration	1.00 mg Desmethyldiazepam/mL GC grade methanol (conc. verified by UV)	Storage	2-8°C; After opening, transfer contents to small vial provided for your convenience.
Molecular Formula	C ₁₅ H ₁₁ ClN ₂ O		
Molecular Weight	270.7		
DEA Class	Exempt preparation of Class IV		

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

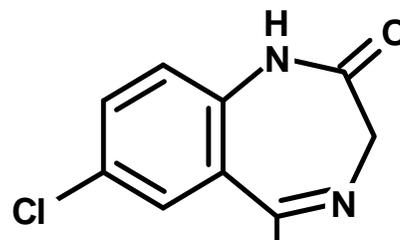


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Methanol Solution

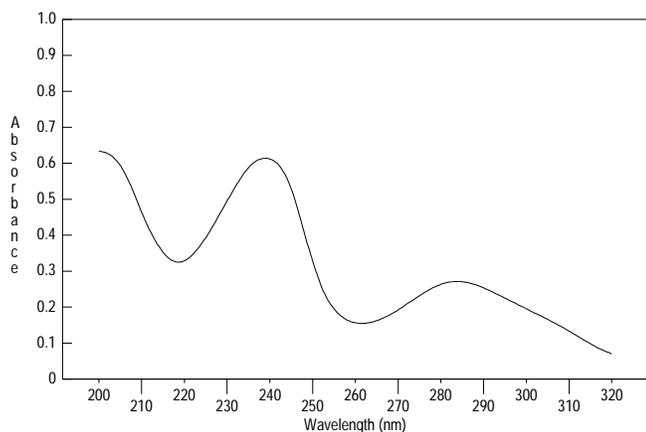
Product Number D 3162

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Ultraviolet Spectrum

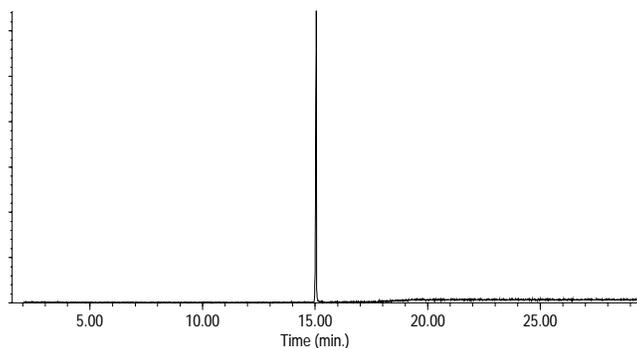
Peak	239.0 nm
Absorbance	0.614
Solvent	0.2 N H ₂ SO ₄
Dilution	1 : 199 (v/v)



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	50°C (2 min.), then 15°/min. to 300°C, hold 11 min.				
Injector Temperature	250°C, Split				
Detector	Hewlett-Packard 5971 Mass Selective Detector (70 eV, 40-500 m/z)				



Hewlett-Packard 5890

D 3162/22K88061/02/25/04

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