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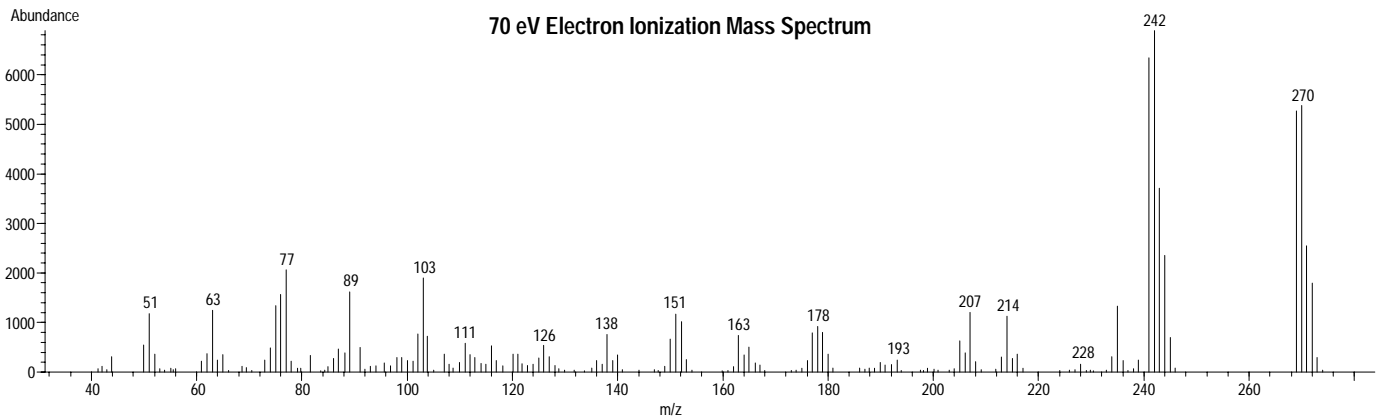
Product Information

DESMETHYLDIAZEPAM

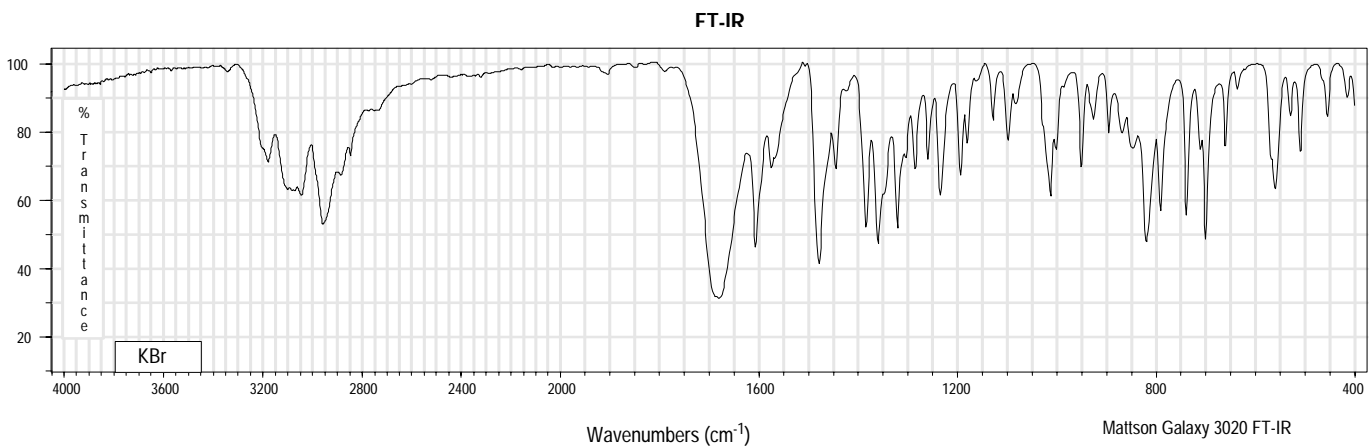
Methanol Solution

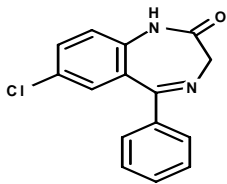
Product Number D 3162
Lot Number 118H88021
CAS Number [1088-11-5]
Concentration 1.0 mg Desmethyldiazepam/mL GC grade methanol (conc. verified by UV)
Molecular Formula $C_{15}H_{11}ClN_2O$
Molecular Weight 270.7
DEA Class Exempt preparation of Class IV

Synonyms Demethyldiazepam, Nordazepam, Nordiazepam
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.
Expiration Date July 2004
Storage 2-8°C; After opening, transfer contents to small vial provided for your convenience.



Hewlett-Packard 5890 Series II Gas Chromatograph
Hewlett-Packard 5971 Mass Selective Detector
Hewlett-Packard G1034C MS ChemStation (HP-DOS series)





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 (2min.), 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)

Ultraviolet Spectrum

Peak 238.2 nm
Absorbance 0.609
Solvent 0.2 N H₂SO₄
Dilution 1:199 (v/v)

