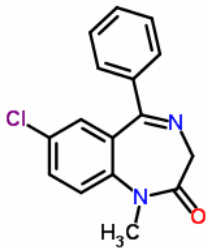


Name	DIAZEPAM
Structure	
Systematic name	7-chloro-1-methyl-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one
Formula	C ₁₆ H ₁₃ ClN ₂ O
MW	284.74
Monoisotopic mass	284.071640755
Mp	125°C
H bond acceptors	3
H bond donors	0
Acid pKa	--
Basic pKa	2.92 (imine)
ACD Log D pH 5.5	2.80
ACD Log D pH 7.4	2.80
Solubility	ethanol, chloroform, (water)
LD50	250 mg/Kg rat p.o.
Therapeutic cat	sedative-hypnotic
ATC	N05BA01 N NERVOUS SYSTEM N05 PSYCHOLEPTICS N05B ANXIOLYTICS N05BA Benzodiazepine derivatives
Receptors	GABA _A

Nomi commerciali (IT)	
ANSIOLIN, DIAZEMULS, DIAZEPAM, MICROPAM, NOAM, TRANQUIRIT, VALIUM, VATRAN,	C, RR, compresse, gocce, clismi, iniettabili