

Tetrazepam

Other names:	2H-1,4-Benzodiazepin-2-one, 7-chloro-5-(1-cyclohexen-1-yl)-1,3-dihydro-1-methyl- CB 4261 4261 CB 7-Chloro-5-(cyclohexen-1-yl)-1,3-dihydro-1-methyl-2H-1,4-benzodiazepin-2-one 7-Chloro-5-(1-cyclohexenyl)-1-methyl-2-oxo-2,3-dihydro-1H-(1,4)-benzo(f)diazepine Clinoxan Musaril Myolastan Ro 06-6657
Inchi:	InChI=1S/C16H17ClN2O/c1-19-14-8-7-12(17)9-13(14)16(18-10-15(19)20)11-5-3-2-4-6-1
InchiKey:	IQWYAQCHYZHJOS-UHFFFAOYSA-N
Formula:	C16H17ClN2O
SMILES:	CN1C(=O)CN=C(C2=CCCCC2)c2cc(Cl)ccc21
Mol. weight [g/mol]:	288.77
CAS:	10379-14-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.06		Crippen Method
logp	3.606		Crippen Method
mcvol	215.990	ml/mol	McGowan Method
rinpol	2437.00		NIST Webbook
rinpol	2463.00		NIST Webbook
rinpol	2437.00		NIST Webbook
rinpol	2460.00		NIST Webbook
rinpol	2463.00		NIST Webbook
rinpol	2460.00		NIST Webbook
rinpol	2463.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10379143&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/34-985-1/Tetrazepam.pdf>

Generated by Cheméo on 2025-12-22 19:25:52.302179464 +0000 UTC m=+6179749.832220119.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.