

Morpholine, 4-cyclohexyl-

Other names:	Cyclohexylmorpholine N-Cyclohexylmorpholine 4-Cyclohexylmorpholine Morpholine, 4-cyclohexyl-, (aerosol) N-(1-Cyclohexenyl)morpholine N-Cyclohexylmorpholine aerosol
Inchi:	InChI=1S/C10H19NO/c1-2-4-10(5-3-1)11-6-8-12-9-7-11/h10H,1-9H2
InchiKey:	BRKHZWFIIVVNTA-UHFFFAOYSA-N
Formula:	C10H19NO
SMILES:	C1CCC(N2CCOCC2)CC1
Mol. weight [g/mol]:	169.26
CAS:	6425-41-8

Physical Properties

Property code	Value	Unit	Source
ie	8.18 ± 0.03	eV	NIST Webbook
log10ws	-1.57		Crippen Method
logp	1.651		Crippen Method
mvol	145.890	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6425418&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

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