

Morpholine, 4-(2-methyl-1-propenyl)-

Other names:	Morpholine, 4-(2-methylpropenyl)- 1-Morpholino-2-methylpropene 2-Methyl-1-morpholino-1-propene 2-Methyl-1-morpholinopropene 4-(2-Methyl-1-propenyl)morpholine 4-(2-Methylpropenyl)morpholine N-Isobutenyl morpholine
Inchi:	InChI=1S/C8H15NO/c1-8(2)7-9-3-5-10-6-4-9/h7H,3-6H2,1-2H3
InchiKey:	RSEUOMWVYSLIKM-UHFFFAOYSA-N
Formula:	C8H15NO
SMILES:	CC(C)=CN1CCOCC1
Mol. weight [g/mol]:	141.21
CAS:	2403-55-6

Physical Properties

Property code	Value	Unit	Source
ie	8.20 ± 0.03	eV	NIST Webbook
log10ws	-1.07		Crippen Method
logp	1.242		Crippen Method
mcvol	124.270	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2403556&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

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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