

Methanimine, 1-(4-morpholino), N-butyl

Inchi: InChI=1S/C9H18N2O/c1-2-3-4-10-9-11-5-7-12-8-6-11/h9H,2-8H2,1H3/b10-9+
InchiKey: CUKKJGKBGYYVKR-MDZDMLPSA-N
Formula: C9H18N2O
SMILES: CCCCN=CN1CCOCC1
Mol. weight [g/mol]: 170.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.80		Crippen Method
logp	1.147		Crippen Method
mcvol	148.340	ml/mol	McGowan Method
rinpol	1356.00		NIST Webbook
rinpol	1356.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R119234&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Legend

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

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<https://www.chemeo.com/cid/33-561-2/Methanimine-1-4-morpholino-N-butyl.pdf>

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