

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

Inchi: InChI=1S/C9H18N2O/c1-9(2)7-10-8-11-3-5-12-6-4-11/h8-9H,3-7H2,1-2H3
InchiKey: VCWCYGRDZZNLPC-UHFFFAOYSA-N
Formula: C9H18N2O
SMILES: CC(C)CN=CN1CCOCC1
Mol. weight [g/mol]: 170.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.56		Crippen Method
logp	1.003		Crippen Method
mcvol	148.340	ml/mol	McGowan Method
rmpol	1305.00		NIST Webbook
rmpol	1305.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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=R119269&Units=SI>

Legend

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

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