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

Inchi: InChI=1S/C10H20N2O/c1-2-3-4-5-11-10-12-6-8-13-9-7-12/h10H,2-9H2,1H3/b11-10+
InchiKey: IJEKILSIJKHXJU-ZHACJKMWSA-N
Formula: C10H20N2O
SMILES: CCCCCN=CN1CCOCC1
Mol. weight [g/mol]: 184.28

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	1.537		Crippen Method
mcvol	162.430	ml/mol	McGowan Method
rinpol	1451.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R119274&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

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