

2-Morpholinone, 4-methyl-

Inchi: InChI=1S/C5H9NO2/c1-6-2-3-8-5(7)4-6/h2-4H2,1H3
InchiKey: NMAIBUJJZUMSPH-UHFFFAOYSA-N
Formula: C5H9NO2
SMILES: CN1CCOC(=O)C1
Mol. weight [g/mol]: 115.13
CAS: 18424-96-9

Physical Properties

Property code	Value	Unit	Source
log10ws	0.76		Crippen Method
logp	-0.525		Crippen Method
mcvol	87.870	ml/mol	McGowan Method

Sources

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>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18424969&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/50-960-0/2-Morpholinone-4-methyl.pdf>

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