

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

Inchi: InChI=1S/C11H13ClN2O/c12-10-1-3-11(4-2-10)13-9-14-5-7-15-8-6-14/h1-4,9H,5-8H2/b1
InchiKey: WIJMKHABFISDGL-UKTHLTGXSA-N
Formula: C11H13ClN2O
SMILES: Clc1ccc(N=CN2CCOCC2)cc1
Mol. weight [g/mol]: 224.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.03		Crippen Method
logp	2.332		Crippen Method
mcvol	165.000	ml/mol	McGowan Method
rinpola	2015.00		NIST Webbook
rinpola	2015.00		NIST Webbook

Sources

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>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R119185&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/61-665-6/Methanimine-1-4-morpholino-N-4-chlorophenyl.pdf>

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