

Methanimine, 1-(1-piperidiny), N-(3-chlorophenyl)

Inchi: InChI=1S/C12H15ClN2/c13-11-5-4-6-12(9-11)14-10-15-7-2-1-3-8-15/h4-6,9-10H,1-3,7-8H
InchiKey: CMXRZGJJPWDQOG-GXDHUFHOSA-N
Formula: C12H15ClN2
SMILES: Clc1cccc(N=CN2CCCC2)c1
Mol. weight [g/mol]: 222.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.36		Crippen Method
logp	3.486		Crippen Method
mcvol	173.220	ml/mol	McGowan Method
rinpola	2006.00		NIST Webbook

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R118731&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/33-617-0/Methanimine-1-1-piperidiny-N-3-chlorophenyl.pdf>

Generated by Cheméo on 2024-04-19 14:56:39.155843905 +0000 UTC m=+15827848.076421217.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.