Methanimine, 1-(1-piperidinyl), N-(4-nitrophenyl)

Inchi: InChI=1S/C12H15N3O2/c16-15(17)12-6-4-11(5-7-12)13-10-14-8-2-1-3-9-14/h4-7,10H,1-
InchiKey: IMKBTFOHBYTFCZ-JLHYYAGUSA-N
Formula: C12H15N3O2
SMILES: O=[N+]([O-])c1ccc(N=CN2CCCCC2)cc1
Mol. weight [g/mol]: 233.27

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	2.740		Crippen Method
mcvol	178.400	ml/mol	McGowan Method
rinpol	2365.00		NIST Webbook
rinpol	2365.00		NIST Webbook

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=R118820&Units=SI

Legend

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

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