Cyclohexane, 1-(1-piperidinyl)-4-(1,1-dimethylethyl), # 1

Inchi: InChI=1S/C15H29N/c1-15(2,3)13-7-9-14(10-8-13)16-11-5-4-6-12-16/h13-14H,4-12H2,1-3

InchiKey: VEOVFBUOUILRDZ-UHFFFAOYSA-N

Formula: C15H29N

SMILES: CC(C)(C)C1CCC(N2CCCCC2)CC1

Mol. weight [g/mol]: 223.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	4.077		Crippen Method
mcvol	210.470	ml/mol	McGowan Method
rinpol	1545.00		NIST Webbook
rinpol	1562.00		NIST Webbook
rinpol	1580.00		NIST Webbook
rinpol	1545.00		NIST Webbook
ripol	1672.00		NIST Webbook
ripol	1701.00		NIST Webbook
ripol	1731.00		NIST Webbook
ripol	1672.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R97723&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices

ripol: Polar retention indices