Piperidine, 1-(4-tert.-butylcyclohexyl), (e)

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
ripol	1844.00		NIST Webbook
ripol	1865.00		NIST Webbook
ripol	1887.00		NIST Webbook
ripol	1844.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R208250&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

ripol: Polar retention indices