

# 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,4-12H2,1-3H3  
**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/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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

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