

Cyclohexane, 1-(1-piperidiny)-4-(1,1-dimethylethyl)

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
rinpol	1612.00		NIST Webbook
rinpol	1631.00		NIST Webbook
rinpol	1650.00		NIST Webbook
rinpol	1612.00		NIST Webbook

Sources

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=R97719&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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