

Cyclohexane, 1-(1-piperidinyI)-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,4-12H2,1-3H3
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
mcpvol	210.470	ml/mol	McGowan Method
ripol	1545.00		NIST Webbook
ripol	1562.00		NIST Webbook
ripol	1580.00		NIST Webbook
ripol	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/ci990307I>
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

Latest version available from:

<https://www.cheméo.com/cid/74-354-7/Cyclohexane-1-1-piperidiny1-4-1-1-dimethylethyl-1.pdf>

Generated by Cheméo on 2024-04-29 09:39:03.726721426 +0000 UTC m=+16672792.647298742.

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