

Piperidine, 1-hexyl-2,6-dimethyl

Inchi: InChI=1S/C13H27N/c1-4-5-6-7-11-14-12(2)9-8-10-13(14)3/h12-13H,4-11H2,1-3H3
InchiKey: ZBHRMBBPOGDWJG-UHFFFAOYSA-N
Formula: C13H27N
SMILES: CCCCCCN1C(C)CCCC1C
Mol. weight [g/mol]: 197.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.95		Crippen Method
logp	3.830		Crippen Method
mcvol	193.150	ml/mol	McGowan Method
rinpol	1358.00		NIST Webbook
rinpol	1358.00		NIST Webbook
ripol	1469.00		NIST Webbook
ripol	1469.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R222078&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
rinpol: Non-polar retention indices
ripol: Polar retention indices

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