

Piperidine, 2,6-dimethyl-1-propyl

Inchi: InChI=1S/C10H21N/c1-4-8-11-9(2)6-5-7-10(11)3/h9-10H,4-8H2,1-3H3
InchiKey: HCKICCKEVDEPQS-UHFFFAOYSA-N
Formula: C10H21N
SMILES: CCCN1C(C)CCCC1C
Mol. weight [g/mol]: 155.28

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.70		Crippen Method
logp	2.659		Crippen Method
mcvol	150.880	ml/mol	McGowan Method
rinpol	1072.00		NIST Webbook
rinpol	1072.00		NIST Webbook
ripol	1190.00		NIST Webbook
ripol	1190.00		NIST Webbook

Sources

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>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R222132&Units=SI>

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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