

Piperidine, 1-ethyl-2,6-dimethyl

Other names:	2,6-Dimethyl-1-ethyl piperidine
Inchi:	InChI=1S/C9H19N/c1-4-10-8(2)6-5-7-9(10)3/h8-9H,4-7H2,1-3H3
InchiKey:	HMVDCTBEKMBIC-UHFFFAOYSA-N
Formula:	C9H19N
SMILES:	CCN1C(C)CCCC1C
Mol. weight [g/mol]:	141.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	2.269		Crippen Method
mcvol	136.790	ml/mol	McGowan Method
rinpol	993.00		NIST Webbook
rinpol	985.00		NIST Webbook
ripol	1126.00		NIST Webbook
ripol	1126.00		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=R222003&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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<https://www.chemeo.com/cid/21-225-8/Piperidine-1-ethyl-2-6-dimethyl.pdf>

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