

N-Isopropyl-4-piperidone

Other names:	1-Isopropyl-4-piperidone 4-Piperidinone, 1-(1-methylethyl)- 4-Piperidone, 1-isopropyl-
Inchi:	InChI=1S/C8H15NO/c1-7(2)9-5-3-8(10)4-6-9/h7H,3-6H2,1-2H3
InchiKey:	CCDBCHAQIXKJCG-UHFFFAOYSA-N
Formula:	C8H15NO
SMILES:	CC(C)N1CCC(=O)CC1
Mol. weight [g/mol]:	141.21
CAS:	5355-68-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.03		Crippen Method
logp	1.060		Crippen Method
mcvol	124.270	ml/mol	McGowan Method

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=C5355680&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

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<https://www.chemeo.com/cid/31-028-6/N-Isopropyl-4-piperidone.pdf>

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