Piperidine, 1-(1-methylethyl)-

Other names:	1-Isopropyl-piperidine
	N-isopropylpiperidine
Inchi:	InChI=1S/C8H17N/c1-8(2)9-6-4-3-5-7-9/h8H,3-7H2,1-2H3
InchiKey:	KXIXHISTUVHOCY-UHFFFAOYSA-N
Formula:	C8H17N
SMILES:	CC(C)N1CCCCC1
Mol. weight [g/mol]:	127.23
CAS:	766-79-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.75		Crippen Method
logp	1.881		Crippen Method
mcvol	122.700	ml/mol	McGowan Method
rinpol	933.00		NIST Webbook
rinpol	923.00		NIST Webbook
rinpol	923.00		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=C766790&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