Piperidine, 1,2-dimethyl-

Other names: 1,2-Dimethylpiperidine
Inchi: InChI=1S/C7H15N/c1-7-5-3-4-6-8(7)2/h7H,3-6H2,1-2H3
InchiKey: MWUISCCBFHLWLY-UHFFFAOYSA-N
Formula: C7H15N
SMILES: CC1CCCCN1C
Mol. weight [g/mol]: 113.20
CAS: 671-36-3

Physical Properties

Property code	Value	Unit	Source
ie	7.63 ± 0.05	eV	NIST Webbook
log10ws	-1.33		Crippen Method
logp	1.491		Crippen Method
mcvol	108.610	ml/mol	McGowan Method
rinpol	841.00		NIST Webbook
rinpol	834.00		NIST Webbook
ripol	1000.00		NIST Webbook
ripol	1000.00		NIST Webbook
tb	401.00 ± 1.00	K	NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C671363&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie: Ionization energy
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
tb:	Normal Boiling Point Temperature