1-Amino-2,6-dimethylpiperidine

Other names:	1-Piperidinamine, 2,6-dimethyl- Piperidine, 1-amino-2,6-dimethyl- 2,6-dimethyl-1-piperidylamine
Inchi:	InChI=1S/C7H16N2/c1-6-4-3-5-7(2)9(6)8/h6-7H,3-5,8H2,1-2H3
InchiKey:	UAHWWAIVYPJROV-UHFFFAOYSA-N
Formula:	C7H16N2
SMILES:	CC1CCCC(C)N1N
Mol. weight [g/mol]:	128.22
CAS:	39135-39-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.87		Crippen Method
logp	1.123		Crippen Method
mcvol	118.590	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	345.70	K	4.00	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C39135392&Units=SI
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

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure