(E)-N-Isopropylacetaldimine

Inchi:	InChI=1S/C5H11N/c1-4-6-5(2)3/h4-5H,1-3H3
InchiKey:	MXOWOGWCSFJPNN-UHFFFAOYSA-N
Formula:	C5H11N
SMILES:	CC=NC(C)C
Mol. weight [g/mol]:	85.15
CAS:	27719-14-8

Physical Properties

Property code	Value	Unit	Source
hf	-69.59	kJ/mol	Joback Method
hvap	29.65	kJ/mol	Joback Method
log10ws	-1.19		Crippen Method
logp	1.486		Crippen Method
mcvol	86.990	ml/mol	McGowan Method
pc	3103.64	kPa	Joback Method
tb	390.04	K	Joback Method
tc	583.65	K	Joback Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C27719148&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

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