Methanimine, 1-(1-piperidinyl), N-isobutyl

Inchi:	InChI=1S/C10H20N2/c1-10(2)8-11-9-12-6-4-3-5-7-12/h9-10H,3-8H2,1-2H3/b11-9+
InchiKey:	AFFGSWJIZKIZBE-PKNBQFBNSA-N
Formula:	C10H20N2
SMILES:	CC(C)CN=CN1CCCCC1
Mol. weight [g/mol]:	168.28

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.89		Crippen Method
logp	2.157		Crippen Method
mcvol	156.560	ml/mol	McGowan Method
rinpol	1324.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R118860&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

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