Formamidine, 1-isobutyl-3,3-dimethyl

Other names: N,N-Dimethyl-N'-isobutyl-formamidine
Inchi: InChI=1S/C7H16N2/c1-7(2)5-8-6-9(3)4/h6-7H,5H2,1-4H3
InchiKey: HWEIPIXVVKGYFO-UHFFFAOYSA-N
Formula: C7H16N2
SMILES: CC(C)CN=CN(C)C
Mol. weight [g/mol]: 128.22

Physical Properties

Property code	Value	Unit	Source
affp	1014.50	kJ/mol	NIST Webbook
basg	982.00	kJ/mol	NIST Webbook
logp	1.232		Crippen Method
mcvol	125.150	ml/mol	McGowan Method
rinpol	938.00		NIST Webbook
rinpol	938.00		NIST Webbook

Sources

Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C67161186&Units=SI

Legend

affp: Proton affinity
basg: Gas basicity
logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices