N'-Pentyl-N,N-dimethyl-acetamidine

Inchi: InChI=1S/C9H20N2/c1-5-6-7-8-10-9(2)11(3)4/h5-8H2,1-4H3
InchiKey: KQJFUMGHXAYUJI-UHFFFAOYSA-N
Formula: C9H20N2
SMILES: CCCCCN=C(C)N(C)C
Mol. weight [g/mol]: 156.27

Physical Properties

Property code	Value	Unit	Source
affp	1034.50	kJ/mol	NIST Webbook
basg	1002.10	kJ/mol	NIST Webbook
logp	2.157		Crippen Method
mcvol	153.330	ml/mol	McGowan Method
rinpol	1166.00		NIST Webbook
tf	243.60	K	Cheméo Relay (1.0)

Sources

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=C94793245&Units=SI
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

affp: Proton affinity
basg: Gas basicity
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices

tf: Normal melting (fusion) point