

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

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