Dimethylaminomethylidene-t-butylamine

Other names:	Dimethylaminomethylidene-t-butylamine
	N'-[1,1-Dimethylethyl]-N,N-dimethylimidoformamide
	(CH3)2N-CH=N(t-C4H9)
	Formamidine, N'-tert-butyl-N,N-dimethyl-
Inchi:	InChI=1S/C7H16N2/c1-7(2,3)8-6-9(4)5/h6H,1-5H3
InchiKey:	PHNRCFCIKPZSFS-UHFFFAOYSA-N
Formula:	C7H16N2
SMILES:	CN(C)C=NC(C)(C)C
Mol. weight [g/mol]:	128.22

Physical Properties

Property code	Value	Unit	Source
ie	7.89	eV	Cheméo Relay (1.0)
logp	1.375		Crippen Method
mcvol	125.150	ml/mol	McGowan Method
tb	443.44	K	Cheméo Relay (1.0)

Sources

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=C23314069&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

tb: Normal Boiling Point Temperature