3,3,7,7-Tetramethyl-1,5-diazabicyclo[3.3.0]octane

Other names: 1H,5H-Pyrazolo[1,2-a]pyrazole, tetrahydro-2,2,6,6-tetramethyl-
Inchi: InChI=1S/C10H20N2/c1-9(2)5-11-7-10(3,4)8-12(11)6-9/h5-8H2,1-4H3
InchiKey: WZRWRONEVORHLU-UHFFFAOYSA-N
Formula: C10H20N2
SMILES: CC1(C)CN2CC(C)(C)CN2C1
Mol. weight [g/mol]: 168.28
CAS: 2940-98-9

Physical Properties

Property code	Value	Unit	Source
ie	8.64	eV	NIST Webbook
ie	7.53	eV	NIST Webbook
ie	7.53	eV	NIST Webbook
log10ws	-1.44		Crippen Method
logp	1.585		Crippen Method
mcvol	150.000	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C2940989&Units=SI

Legend

ie: Ionization energy
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume