1,2-Diazetidine,1,2-dimethyl-trans-

Inchi: InChI=1S/C4H10N2/c1-5-3-4-6(5)2/h3-4H2,1-2H3
InchiKey: LHUYIRPDEPSBCF-UHFFFAOYSA-N
Formula: C4H10N2
SMILES: CN1CCN1C
Mol. weight [g/mol]: 86.14
CAS: 67144-62-1

Physical Properties

Property code	Value	Unit	Source
ie	8.12	eV	NIST Webbook
log10ws	0.48		Crippen Method
logp	-0.221		Crippen Method
mcvol	76.320	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C67144621&Units=SI
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

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.