2,3-Dimethyl-Aziridine (Z)

Inchi: InChI=1S/C4H9N/c1-4-3-5(4)2/h4H,3H2,1-2H3/t4-,5+/m1/s1
InchiKey: LDUKCCKFNKIVMS-UHNVWZDZSA-N
Formula: C4H9N
SMILES: CC1CN1C
Mol. weight [g/mol]: 71.12
CAS: 930-19-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.07		Crippen Method
logp	0.320		Crippen Method
mcvol	66.340	ml/mol	McGowan Method
rinpol	658.00		NIST Webbook
rinpol	658.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C930198&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

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices