1-Ethyl-aziridine

Inchi: InChI=1S/C4H9N/c1-2-5-3-4-5/h2-4H2,1H3
InchiKey: UJGVUACWGCQEAO-UHFFFAOYSA-N
Formula: C4H9N
SMILES: CCN1CC1
Mol. weight [g/mol]: 71.12

Physical Properties

Property code	Value	Unit	Source
log10ws	0.04		Crippen Method
logp	0.322		Crippen Method
mcvol	66.340	ml/mol	McGowan Method
rinpol	568.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R405619&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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