1-Butyl-2,2-dimethyl aziridine

Inchi: InChI=1S/C8H17N/c1-4-5-6-9-7-8(9,2)3/h4-7H2,1-3H3
InchiKey: SVPNBALSAZBKAZ-UHFFFAOYSA-N
Formula: C8H17N
SMILES: CCCCN1CC1(C)C
Mol. weight [g/mol]: 127.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.75		Crippen Method
logp	1.881		Crippen Method
mcvol	122.700	ml/mol	McGowan Method
rinpol	858.00		NIST Webbook
rinpol	858.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R405595&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

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