1-Methoxy-2,3-trans-dimethylaziridine

Other names: Aziridine, 2,3-dimethyl-1-methoxy
Inchi: InChI=1S/C5H11NO/c1-4-5(2)6(4)7-3/h4-5H,1-3H3
InchiKey: JOIYWHWGTCPMNL-UHFFFAOYSA-N
Formula: C5H11NO
SMILES: CON1C(C)C1C
Mol. weight [g/mol]: 101.15

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.68		Crippen Method
logp	0.640		Crippen Method
mcvol	86.300	ml/mol	McGowan Method
rinpol	797.00		NIST Webbook
rinpol	797.00		NIST Webbook

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=U283234&Units=SI

Legend

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