2-[2-(Dimethylamino)ethoxy]pyridine

Other names: 2-(2-pyridyloxy)ethyl(dimethyl)amine
Inchi: InChI=1S/C9H14N2O/c1-11(2)7-8-12-9-5-3-4-6-10-9/h3-6H,7-8H2,1-2H3
InchiKey: YULRZMYHLLQZEI-UHFFFAOYSA-N
Formula: C9H14N2O
SMILES: CN(C)CCOc1ccccn1
Mol. weight [g/mol]: 166.22
CAS: 29450-09-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.18		Crippen Method
logp	1.022		Crippen Method
mcvol	139.740	ml/mol	McGowan Method
rinpol	1240.30		NIST Webbook
rinpol	1240.30		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C29450097&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

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