

Pyridine, 4-ethyl-, 1-oxide

Other names:	4-Ethylpyridine N-oxide 4-Ethylpyridine 1-oxide
Inchi:	InChI=1S/C7H9NO/c1-2-7-3-5-8(9)6-4-7/h3-6H,2H2,1H3
InchiKey:	VFJRXOXKSUBBMR-UHFFFAOYSA-N
Formula:	C7H9NO
SMILES:	CCc1cc[n+](O-)[cc1
Mol. weight [g/mol]:	123.15
CAS:	14906-55-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	0.882		Crippen Method
mcvol	101.580	ml/mol	McGowan Method

Sources

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=C14906559&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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<https://www.chemeo.com/cid/32-404-7/Pyridine-4-ethyl-1-oxide.pdf>

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