

4-Acetyl-3-methylpyridine

Inchi: InChI=1S/C8H9NO/c1-6-5-9-4-3-8(6)7(2)10/h3-5H,1-2H3
InchiKey: MWTAIRKNMHLZBS-UHFFFAOYSA-N
Formula: C8H9NO
SMILES: CC(=O)c1ccncc1C
Mol. weight [g/mol]: 135.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.37		Crippen Method
logp	1.593		Crippen Method
mcvol	111.370	ml/mol	McGowan Method
ripol	1848.00		NIST Webbook
ripol	1848.00		NIST Webbook
ripol	1849.00		NIST Webbook
ripol	1849.00		NIST Webbook
ripol	1848.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R533110&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
ripol: Polar retention indices

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