2-acetyl-4-methylfuran

Inchi: InChI=1S/C7H8O2/c1-5-3-7(6(2)8)9-4-5/h3-4H,1-2H3
InchiKey: IYEVQBUAWBANLZ-UHFFFAOYSA-N
Formula: C7H8O2
SMILES: CC(=O)c1cc(C)co1
Mol. weight [g/mol]: 124.14

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.34		Crippen Method
logp	1.791		Crippen Method
mcvol	97.470	ml/mol	McGowan Method
ripol	1601.00		NIST Webbook
ripol	1601.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R492990&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
ripol: Polar retention indices

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