2-furyl-4-methyl-1,3-dioxolane

Inchi: InChI=1S/C8H10O3/c1-6-5-10-8(11-6)7-3-2-4-9-7/h2-4,6,8H,5H2,1H3
InchiKey: YYYNPYRBPLTQJC-UHFFFAOYSA-N
Formula: C8H10O3
SMILES: CC1COC(c2ccco2)O1
Mol. weight [g/mol]: 154.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.98		Crippen Method
logp	1.714		Crippen Method
mcvol	110.870	ml/mol	McGowan Method
ripol	1676.00		NIST Webbook
ripol	1676.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R321581&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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