2-(2-thienyl)furan

Inchi: InChI=1S/C8H6OS/c1-3-7(9-5-1)8-4-2-6-10-8/h1-6H
InchiKey: RVYKTPRETIBSPK-UHFFFAOYSA-N
Formula: C8H6OS
SMILES: c1coc(-c2cccs2)c1
Mol. weight [g/mol]: 150.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.57		Crippen Method
logp	3.008		Crippen Method
mcvol	106.880	ml/mol	McGowan Method
rinpol	1244.00		NIST Webbook
rinpol	1244.00		NIST Webbook
rinpol	1227.00		NIST Webbook
rinpol	1189.00		NIST Webbook
rinpol	1189.00		NIST Webbook
ripol	1831.00		NIST Webbook
ripol	1831.00		NIST Webbook

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R169081&Units=SI

Legend

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

rinpol: Non-polar retention indices

ripol: Polar retention indices