2-(2-furyl)thiazole

Inchi: InChI=1S/C7H5NOS/c1-2-6(9-4-1)7-8-3-5-10-7/h1-5H
InchiKey: ZVIGBJZXNPTZSQ-UHFFFAOYSA-N
Formula: C7H5NOS
SMILES: c1coc(-c2nccs2)c1
Mol. weight [g/mol]: 151.19

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.33		Crippen Method
logp	2.403		Crippen Method
mcvol	102.770	ml/mol	McGowan Method
rinpol	1219.00		NIST Webbook
rinpol	1219.00		NIST Webbook
rinpol	1207.00		NIST Webbook
ripol	1985.00		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=R169185&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