2-Methyl-3[(2-methyl-3-thienyl)dithio]furan

Inchi: InChI=1S/C10H10OS3/c1-7-9(3-5-11-7)13-14-10-4-6-12-8(10)2/h3-6H,1-2H3
InchiKey: DNYPELUMNOOCCB-UHFFFAOYSA-N
Formula: C10H10OS3
SMILES: Cc1occc1SSc1ccsc1C
Mol. weight [g/mol]: 242.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.20		Crippen Method
logp	4.757		Crippen Method
mcvol	167.760	ml/mol	McGowan Method
rinpol	1745.00		NIST Webbook
rinpol	1745.00		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=R640347&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

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