Furan, 3,3'-dithiobis[2-methyl-

Other names:	bis(2-methyl-3-furyl)disulphide
	bis(2-methyl-3-furanyl) disulfide
	bis-[(2-Methylfuryl-3)] disulfide
	bis-(2-Methylfuryl-3-) disulfide
	Bis(2-methyl-3-furyl)-disulfide
	bis(2-methylfuryl) disulfide
	3,3'-dithiobis[2-methylfuran]
Inchi:	InChI=1S/C10H10O2S2/c1-7-9(3-5-11-7)13-14-10-4-6-12-8(10)2/h3-6H,1-2H3
InchiKey:	OHDFENKFSKIFBJ-UHFFFAOYSA-N
Formula:	C10H10O2S2
SMILES:	Cc1occc1SSc1ccoc1C
Mol. weight [g/mol]:	226.31
CAS:	28588-75-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.18		Crippen Method
logp	4.289		Crippen Method
mcvol	157.280	ml/mol	McGowan Method
rinpol	1510.00		NIST Webbook
rinpol	1552.00		NIST Webbook
rinpol	1535.00		NIST Webbook
rinpol	1540.00		NIST Webbook
rinpol	1510.00		NIST Webbook
rinpol	1526.00		NIST Webbook
rinpol	1547.00		NIST Webbook
rinpol	1541.00		NIST Webbook
rinpol	1526.00		NIST Webbook
rinpol	1527.00		NIST Webbook
rinpol	1527.00		NIST Webbook
rinpol	1508.00		NIST Webbook
ripol	2100.00		NIST Webbook
ripol	2110.00		NIST Webbook
ripol	2140.00		NIST Webbook
ripol	2100.00		NIST Webbook
ripol	2140.00		NIST Webbook
ripol	2124.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C28588752&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
rinpol:	Non-polar retention indices
ripol:	Polar retention indices