# 2,5-dimethyl-3-(methyldithio)furan

**Inchi:** InChI=1S/C7H10OS2/c1-5-4-7(10-9-3)6(2)8-5/h4H,1-3H3
**InchiKey:** ZZXDUGZYDILQMO-UHFFFAOYSA-N
**Formula:** C7H10OS2
**SMILES:** CSSc1cc(C)oc1C
**Mol. weight [g/mol]:** 174.28

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -7.77 | | Crippen Method |
| logp | 3.267 | | Crippen Method |
| mcvol | 128.600 | ml/mol | McGowan Method |
| ripol | 1762.00 | | NIST Webbook |

## Sources

**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=R489751&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

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