# 2,3,4-trimethylfuran

**Inchi:** InChI=1S/C7H10O/c1-5-4-8-7(3)6(5)2/h4H,1-3H3
**InchiKey:** MNBYRCAFWIZFJM-UHFFFAOYSA-N
**Formula:** C7H10O
**SMILES:** Cc1coc(C)c1C
**Mol. weight [g/mol]:** 110.15

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.63 | | Crippen Method |
| logp | 2.205 | | Crippen Method |
| mcvol | 95.900 | ml/mol | McGowan Method |
| ripol | 1076.00 | | NIST Webbook |
| ripol | 1076.00 | | NIST Webbook |
| ripol | 1076.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R296727&Units=SI
**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

## Legend

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