# 3-vinylfuran

**Inchi:** InChI=1S/C6H6O/c1-2-6-3-4-7-5-6/h2-5H,1H2
**InchiKey:** CYFIOEQOOFDASY-UHFFFAOYSA-N
**Formula:** C6H6O
**SMILES:** C=Cc1ccoc1
**Mol. weight [g/mol]:** 94.11

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.03 | | Crippen Method |
| logp | 1.923 | | Crippen Method |
| mcvol | 77.510 | ml/mol | McGowan Method |
| ripol | 1143.00 | | NIST Webbook |
| ripol | 1147.00 | | NIST Webbook |
| ripol | 1148.00 | | NIST Webbook |
| ripol | 1148.00 | | NIST Webbook |
| ripol | 1149.00 | | NIST Webbook |
| ripol | 1147.00 | | NIST Webbook |
| ripol | 1143.00 | | 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=R491388&Units=SI

# Legend

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

**ripol:** Polar retention indices