

Thiazole, 2-methoxy-

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|-----------------------------|---|
| Other names: | 2-Methoxythiazole |
| Inchi: | InChI=1S/C4H5NOS/c1-6-4-5-2-3-7-4/h2-3H,1H3 |
| InchiKey: | MJJRDTKNLLMJDJ-UHFFFAOYSA-N |
| Formula: | C4H5NOS |
| SMILES: | COc1nccs1 |
| Mol. weight [g/mol]: | 115.15 |
| CAS: | 14542-13-3 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|--------|----------------|
| log10ws | -1.11 | | Crippen Method |
| logp | 1.152 | | Crippen Method |
| mcvol | 79.960 | ml/mol | McGowan Method |

Sources

| | |
|------------------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| 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=C14542133&Units=SI |

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/98-335-2/Thiazole-2-methoxy.pdf>

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