

Thiazole, 2-amino-5-methyl-

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|-----------------------------|---|
| Other names: | 2-Amino-5-methylthiazole 2-Thiazolamine, 5-methyl- |
| Inchi: | InChI=1S/C4H6N2S/c1-3-2-6-4(5)7-3/h2H,1H3,(H2,5,6) |
| InchiKey: | GUABFMPMKJGSBQ-UHFFFAOYSA-N |
| Formula: | C4H6N2S |
| SMILES: | Cc1c[nH]c(=N)s1 |
| Mol. weight [g/mol]: | 114.17 |
| CAS: | 7305-71-7 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|--------|----------------|
| log10ws | -1.92 | | Crippen Method |
| logp | 0.382 | | Crippen Method |
| mcvol | 84.070 | 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=C7305717&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/96-636-0/Thiazole-2-amino-5-methyl.pdf>

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