

# Clomethiazole M (des-Cl, di-OH, -H2O)

|                             |   |
|-----------------------------|---|
| <b>Inchi:</b>               | InChI=1S/C6H7NOS/c1-2-6-5(3-8)7-4-9-6/h2,4,8H,1,3H2 |
| <b>InchiKey:</b>            | UVTASNFUHZAQKK-UHFFFAOYSA-N                         |
| <b>Formula:</b>             | C6H7NOS   |
| <b>SMILES:</b>              | C=Cc1scnc1CO  |
| <b>Mol. weight [g/mol]:</b> | 141.19  |

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -1.96   |        | Crippen Method |
| logp          | 1.278   |        | Crippen Method |
| mcvol         | 103.840 | ml/mol | McGowan Method |
| rinpola       | 1420.00 |        | NIST Webbook   |

## Sources

|                        |   |
|------------------------|---|
| <b>McGowan Method:</b> | <a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>                   |
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R57363&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R57363&amp;Units=SI</a> |
| <b>Crippen Method:</b> | <a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>                               |
| <b>Crippen Method:</b> | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                       |

## Legend

|                 |                                     |
|-----------------|-------------------------------------|
| <b>log10ws:</b> | Log10 of Water solubility in mol/l  |
| <b>logp:</b>    | Octanol/Water partition coefficient |
| <b>mcvol:</b>   | McGowan's characteristic volume     |
| <b>rinpola:</b> | Non-polar retention indices         |

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