# 2-(2-Benzothiazolyl)-5-methoxyphenol

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|---|---|
| **Inchi:** | InChI=1S/C14H11NO2S/c1-17-9-6-7-10(12(16)8-9)14-15-11-4-2-3-5-13(11)18-14/h2-8,1 |
| **InchiKey:** | KQUJPMLQKNTPCL-UHFFFAOYSA-N |
| **Formula:** | C14H11NO2S |
| **SMILES:** | COc1ccc(-c2nc3ccccc3s2)c(O)c1 |
| **Mol. weight [g/mol]:** | 257.31 |
| **CAS:** | 90481-46-2 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.07 | | Crippen Method |
| logp | 3.677 | | Crippen Method |
| mcvol | 183.510 | ml/mol | McGowan Method |

## Sources

| | |
|---|---|
| **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=C90481462&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |

## Legend

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

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