

# 4-Hydroxy-2-methoxybenzaldehyde, trimethylsilyl ether

|                      |   |
|----------------------|---|
| Other names:         | 4-Hydroxy-2-methoxybenzaldehyde, tms derivative                         |
| Inchi:               | InChI=1S/C11H16O3Si/c1-13-11-7-10(14-15(2,3)4)6-5-9(11)8-12/h5-8H,1-4H3 |
| InchiKey:            | GGNUMNDMVWGGDT-UHFFFAOYSA-N   |
| Formula:             | C11H16O3Si  |
| SMILES:              | COc1cc(O[Si](C)(C)C)ccc1C=O   |
| Mol. weight [g/mol]: | 224.33  |

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -0.84   |      | Crippen Method |
| logp          | 2.721   |      | Crippen Method |
| rinpol        | 1633.50 |      | NIST Webbook   |

## Sources

|                 |   |
|-----------------|---|
| Crippen Method: | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |
| Crippen Method: | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |
| NIST Webbook:   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352915&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352915&amp;Units=SI</a> |

## Legend

|          |                                     |
|----------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l  |
| logp:    | Octanol/Water partition coefficient |
| rinpol:  | Non-polar retention indices         |

Latest version available from:

<https://www.chemeo.com/cid/59-701-8/4-Hydroxy-2-methoxybenzaldehyde-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-11-09 10:43:54.8137112 +0000 UTC m=+5729897.450680449.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.