

# 2,5-Dihydroxyacetophenone, bis(trimethylsilyl) ether

**Other names:** 2,5-Dihydroxyacetophenone, 2tms derivative

**Inchi:** InChI=1S/C14H24O3Si2/c1-11(15)13-10-12(16-18(2,3)4)8-9-14(13)17-19(5,6)7/h8-10H,1

**InchiKey:** QOZNRPLNIVAKPA-UHFFFAOYSA-N

**Formula:** C14H24O3Si2

**SMILES:** CC(=O)c1cc(O[Si](C)(C)C)ccc1O[Si](C)(C)C

**Mol. weight [g/mol]:** 296.51

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -0.15   |      | Crippen Method |
| logp          | 4.317   |      | Crippen Method |
| rinsol        | 1666.10 |      | NIST Webbook   |
| rinsol        | 1666.10 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352837&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinsol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/122-683-8/2-5-Dihydroxyacetophenone-bis-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-27 17:28:52.163739257 +0000 UTC m=+16528181.084316568.

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