

# Phenylactic acid, 4-methoxy, TMS

**Inchi:** InChI=1S/C16H28O4Si2/c1-18-14-10-8-13(9-11-14)12-15(19-21(2,3)4)16(17)20-22(5,6)7  
**InchiKey:** KRIUQGLSCSYUOA-UHFFFAOYSA-N  
**Formula:** C16H28O4Si2  
**SMILES:** COc1ccc(CC(O[Si](C)(C)C)C(=O)O[Si](C)(C)C)cc1  
**Mol. weight [g/mol]:** 340.56

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 0.51    |      | Crippen Method |
| logp          | 3.836   |      | Crippen Method |
| rinpol        | 1793.00 |      | NIST Webbook   |
| rinpol        | 1793.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R95238&Units=SI>

## Legend

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

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