

# Phenol, 2,3,4,5-tetrachloro, TMS

**Inchi:** InChI=1S/C9H10Cl4OSi/c1-15(2,3)14-6-4-5(10)7(11)9(13)8(6)12/h4H,1-3H3  
**InchiKey:** XAVDBJYWKRTQLP-UHFFFAOYSA-N  
**Formula:** C9H10Cl4OSi  
**SMILES:** C[Si](C)(C)Oc1cc(Cl)c(Cl)c(Cl)c1Cl  
**Mol. weight [g/mol]:** 304.07

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.22   |      | Crippen Method |
| logp          | 5.514   |      | Crippen Method |
| rinpol        | 1683.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R100413&Units=SI>  
**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)

## 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/29-628-3/Phenol-2-3-4-5-tetrachloro-TMS.pdf>

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