

# Diphenylmethanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C21H17F5OSi/c1-28(2,21-18(25)16(23)15(22)17(24)19(21)26)27-20(13-9-5-3-  
**InchiKey:** MWWJOEPBXAPOCZ-UHFFFAOYSA-N  
**Formula:** C21H17F5OSi  
**SMILES:** C[Si](C)(OC(c1ccccc1)c1ccccc1)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 408.44

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -9.26   |      | Crippen Method |
| logp          | 5.600   |      | Crippen Method |
| rinpol        | 2093.00 |      | NIST Webbook   |

## Sources

**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=U368977&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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