# MPPA, TBDMS

**Inchi:** InChI=1S/C16H37O4PSi2/c1-15(2,3)22(8,9)19-14(17)12-13-21(7,18)20-23(10,11)16(4,5)
**InchiKey:** PGMGZVVHAJOMES-UHFFFAOYSA-N
**Formula:** C16H37O4PSi2
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)CCP(C)(=O)O[Si](C)(C)C(C)(C)C
**Mol. weight [g/mol]:** 380.61

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.86 | | Crippen Method |
| logp | 5.855 | | Crippen Method |
| rinpol | 2031.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R76064&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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