# 2,4-Dodeoxy-3-C-methylpentonic acid, tris-TMS

**Inchi:** InChI=1S/C15H36O4Si3/c1-15(19-22(8,9)10,11-12-17-20(2,3)4)13-14(16)18-21(5,6)7/h1

**InchiKey:** HUAKLDAFGDRXAP-UHFFFAOYSA-N

**Formula:** C15H36O4Si3

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

**Mol. weight [g/mol]:** 364.70

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 2.60 | | Crippen Method |
| logp | 4.606 | | Crippen Method |
| rinpol | 1575.00 | | 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=R100735&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices