# Heptacosanoic acid, TBDMS

**Inchi:** InChI=1S/C33H68O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-
**InchiKey:** ZKWBBRPBCNPPOA-UHFFFAOYSA-N
**Formula:** C33H68O2Si
**SMILES:** CCCCCCCCCCCCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
**Mol. weight [g/mol]:** 524.98

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -10.55 | | Crippen Method |
| logp | 12.307 | | Crippen Method |
| rinpol | 3396.00 | | NIST Webbook |
| rinpol | 3396.00 | | 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=R564397&Units=SI

## Legend

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