# 1-(Dimethyldodecylsilyloxy)octadecane

**Inchi:** InChI=1S/C32H68OSi/c1-5-7-9-11-13-15-17-18-19-20-21-22-23-25-27-29-31-33-34(3,4)3
**InchiKey:** OCIYJMGTDPKKBH-UHFFFAOYSA-N
**Formula:** C32H68OSi
**SMILES:** CCCCCCCCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCCCCC
**Mol. weight [g/mol]:** 496.97

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -10.36 | | Crippen Method |
| logp | 12.391 | | Crippen Method |
| rinpol | 3347.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U299999&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** 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