

# 1-(Dimethyldodecylsilyloxy)decane

**Inchi:** InChI=1S/C24H52OSi/c1-5-7-9-11-13-15-16-18-20-22-24-26(3,4)25-23-21-19-17-14-12-1  
**InchiKey:** QDGZYFUYOCFIIP-UHFFFAOYSA-N  
**Formula:** C<sub>24</sub>H<sub>52</sub>OSi  
**SMILES:** CCCCCCCCCC[Si](C)(C)CCCCCCCCC  
**Mol. weight [g/mol]:** 384.75

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -7.01   |      | Crippen Method |
| logp          | 9.270   |      | Crippen Method |
| rinpol        | 2396.00 |      | 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=U299993&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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