

# Silane, diethyldodecyloxy(2-methyl-4-methoxybutoxy)-

**Inchi:** InChI=1S/C22H48O3Si/c1-6-9-10-11-12-13-14-15-16-17-19-24-26(7-2,8-3)25-21-22(4)18  
**InchiKey:** ULHRVJSBLRDATA-UHFFFAOYSA-N  
**Formula:** C22H48O3Si  
**SMILES:** CCCCCCCCCCO[Si](CC)(CC)OCC(C)CCOC  
**Mol. weight [g/mol]:** 388.70

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -4.68   |      | Crippen Method |
| logp          | 7.095   |      | Crippen Method |
| rinpol        | 2268.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363420&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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