# Trimethyl-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-trimethylsil

| | |
|---|---|
| **Other names:** | 3,6,9,12,15,18,21,24,27,30,33,36-Dodecaoxa-2,37-disilaoctatriacontane, 2,2,37,37-tetramethyl-<br>Undecaethylene glycol, bistrimethylsilyl ether<br>Undecaethylene glycol, 2tms derivative |
| **Inchi:** | InChI=1S/C28H62O12Si2/c1-41(2,3)39-27-25-37-23-21-35-19-17-33-15-13-31-11-9-29-7 |
| **InchiKey:** | ULJAHKFIJCUGTF-UHFFFAOYSA-N |
| **Formula:** | C28H62O12Si2 |
| **SMILES:** | C[Si](C)(C)OCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C |
| **Mol. weight [g/mol]:** | 646.96 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 3.31 | | Crippen Method |
| logp | 2.855 | | Crippen Method |
| rinpol | 3577.70 | | NIST Webbook |
| rinpol | 3577.70 | | NIST Webbook |

## Sources

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|---|---|
| **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=U352061&Units=SI |

## Legend

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

Latest version available from:
https://www.chemeo.com/cid/48-945-0/Trimethyl-2-2-2-2-2-2-2-2-2-2-2-trimethylsilyloxyethoxy-ethoxy-ethoxy-ethoxy-
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