

Diethylene glycol, nonyl ether, TMS

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|-----------------------------|---|
| Other names: | 2-(2-nonyloxy-ethoxy)-ethanol, TMS |
| Inchi: | InChI=1S/C16H36O3Si/c1-5-6-7-8-9-10-11-12-17-13-14-18-15-16-19-20(2,3)4/h5-16H2,1 |
| InchiKey: | RRUNKDSWSDWGHJ-UHFFFAOYSA-N |
| Formula: | C16H36O3Si |
| SMILES: | CCCCCCCCCOCCOCCO[Si](C)(C)C |
| Mol. weight [g/mol]: | 304.54 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.83 | | Crippen Method |
| logp | 4.622 | | Crippen Method |
| rinpol | 1826.50 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=R184431&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/44-721-2/Diethylene-glycol-nonyl-ether-TMS.pdf>

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