

Silane, (2-ethoxyethoxy)trimethyl-

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|-----------------------------|---|
| Other names: | 2-Ethoxyethoxy-trimethylsilane 2-Ethoxyethanol, tms derivative |
| Inchi: | InChI=1S/C7H18O2Si/c1-5-8-6-7-9-10(2,3)4/h5-7H2,1-4H3 |
| InchiKey: | QXFMGPZJCKOKTK-UHFFFAOYSA-N |
| Formula: | C7H18O2Si |
| SMILES: | CCOCCO[Si](C)(C)C |
| Mol. weight [g/mol]: | 162.30 |
| CAS: | 16654-45-8 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|------|----------------|
| log10ws | 1.02 | | Crippen Method |
| logp | 1.874 | | Crippen Method |
| rinpol | 888.20 | | NIST Webbook |
| rinpol | 888.20 | | 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=C16654458&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/29-245-8/Silane-2-ethoxyethoxy-trimethyl.pdf>

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