

2-[2-(2-Methoxyethoxy)ethoxy]ethoxy-trimethylsilane

| | |
|-----------------------------|---|
| Other names: | 2,2-Dimethyl-3,6,9,12-tetraoxa-2-silatridecane Methyltrioxitol, tms derivative |
| Inchi: | InChI=1S/C10H24O4Si/c1-11-5-6-12-7-8-13-9-10-14-15(2,3)4/h5-10H2,1-4H3 |
| InchiKey: | LGPOIKHOZYPSME-UHFFFAOYSA-N |
| Formula: | C10H24O4Si |
| SMILES: | COCCOCCOCCO[Si](C)(C)C |
| Mol. weight [g/mol]: | 236.38 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 1.59 | | Crippen Method |
| logp | 1.518 | | Crippen Method |
| rinpol | 1362.30 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U352073&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

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/56-093-7/2-2-2-Methoxyethoxy-ethoxy-ethoxy-trimethylsilane.pdf>

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