

2-(2-(2-Isobutoxy-ethoxy)-ethoxy)-ethyl TMS ether

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|----------------------|---|
| Inchi: | InChI=1S/C13H30O4Si/c1-13(2)12-16-9-8-14-6-7-15-10-11-17-18(3,4)5/h13H,6-12H2,1-5 |
| InchiKey: | WJWBMOGAGNMZNV-UHFFFAOYSA-N |
| Formula: | C13H30O4Si |
| SMILES: | CC(C)COCCOCCOCCO[Si](C)(C)C |
| Mol. weight [g/mol]: | 278.46 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.58 | | Crippen Method |
| logp | 2.544 | | Crippen Method |
| rinpol | 1583.50 | | 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=R188502&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/51-787-2/2-2-2-Isobutoxy-ethoxy-ethoxy-ethyl-TMS-ether.pdf>

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