

2-(2-(2-Isobutoxy-ethoxy)-ethoxy)-ethoxy-ethyl

TMS ether

InChI=1S/C15H34O5Si/c1-15(2)14-19-11-10-17-7-6-16-8-9-18-12-13-20-21(3,4)5/h15H,6
InChIKey: PNCDUZRJUURBFL-UHFFFAOYSA-N
Formula: C15H34O5Si
SMILES: CC(C)COCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 322.51

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.65 | | Crippen Method |
| logp | 2.560 | | Crippen Method |
| rinpol | 1856.00 | | NIST Webbook |
| rinpol | 1856.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R188473&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

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

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<https://www.chemeo.com/cid/83-727-3/2-2-2-Isobutoxy-ethoxy-ethoxy-ethoxy-ethyl-TMS-ether.pdf>

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