

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

InChI=1S/C18H40O6Si/c1-18(2)6-7-19-8-9-20-10-11-21-12-13-22-14-15-23-16-17-24-25
InChIKey: FECYXIJBMKOTNX-UHFFFAOYSA-N
Formula: C18H40O6Si
SMILES: CC(C)CCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 380.59

Physical Properties

Property code	Value	Unit	Source
log10ws	0.31		Crippen Method
logp	2.967		Crippen Method
rinpol	2226.60		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R188324&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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