2-(2-(2-(2-(2-(2-(2-Pentoxy-ethoxy)-ethoxy)-ethoxy TMS ether

InchI: InChI=1S/C24H52O9Si/c1-6-7-24(2)32-22-20-30-18-16-28-14-12-26-10-8-25-9-11-27-13

InchiKey: XBZHKLPOOYGATD-UHFFFAOYSA-N

Formula: C24H52O9Si

SMILES: CCCC(C)OCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C

Mol. weight [g/mol]: 512.75

Physical Properties

Property code	Value	Unit	Source
log10ws	0.18		Crippen Method
logp	3.159		Crippen Method
rinpol	3077.40		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R187881&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/51-594-6/2-2-2-2-2-2-2-Pentoxy-ethoxy-ethoxy-ethoxy-ethoxy-ethoxy-ethoxy-eth

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