

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

InChI=1S/C22H48O8Si/c1-22(2)6-7-23-8-9-24-10-11-25-12-13-26-14-15-27-16-17-28-18
InChIKey: CLFWGFGKYJSFMA-UHFFFAOYSA-N
Formula: C22H48O8Si
SMILES: CC(C)CCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 468.70

Physical Properties

Property code	Value	Unit	Source
log10ws	0.46		Crippen Method
logp	3.000		Crippen Method
rinpol	2763.30		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R188002&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/95-940-3/2-2-2-2-2-2-Isopentoxy-ethoxy-ethoxy-ethoxy-ethoxy-ethoxy-ethyl-TMS>

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