

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

InChI=1S/C20H44O7Si/c1-20(2)6-7-21-8-9-22-10-11-23-12-13-24-14-15-25-16-17-26-18
InChIKey: RQXFNTCRVZWIPK-UHFFFAOYSA-N
Formula: C20H44O7Si
SMILES: CC(C)CCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]: 424.64

Physical Properties

Property code	Value	Unit	Source
log10ws	0.39		Crippen Method
logp	2.984		Crippen Method
rinpol	2494.00		NIST Webbook
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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=R188166&Units=SI>

Legend

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

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