

2-(2-(2-(2-(2-(2-(2-decyloxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy-TMS

InChIKey:

InChI=1S/C27H58O8Si/c1-5-6-7-8-9-10-11-12-13-28-14-15-29-16-17-30-18-19-31-20-21

Formula:

C₂₇H₅₈O₈Si

SMILES:

CCCCCCCCCOCCOCCOCCOCCOCCOCCOCCOCCOCCO[Si](C)(C)C

Mol. weight [g/mol]:

538.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.87		Crippen Method
logp	5.095		Crippen Method
rinpol	3297.40		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=R184000&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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