

Silane, dimethyl(dimethylpentylloxysilyloxy)octadecyloxy

Inchi: InChI=1S/C27H60O3Si2/c1-7-9-11-12-13-14-15-16-17-18-19-20-21-22-23-25-27-29-32(5)
InchiKey: ZIZLIVSTCURWKA-UHFFFAOYSA-N
Formula: C27H60O3Si2
SMILES: CCCCCCCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 488.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.65		Crippen Method
logp	9.892		Crippen Method
rinpol	2651.00		NIST Webbook

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=U346820&Units=SI>

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/59-461-5/Silane-dimethyl-dimethylpentylloxysilyloxy-octadecyloxy.pdf>

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