

Silane, dimethyl(dimethyl(2-hexyloxy)silyloxy)(2-hexyloxy)

Inchi: InChI=1S/C16H38O3Si2/c1-9-11-13-15(3)17-20(5,6)19-21(7,8)18-16(4)14-12-10-2/h15-17
InchiKey: AKYJQFBQKBJLSM-UHFFFAOYSA-N
Formula: C16H38O3Si2
SMILES: CCCCC(C)O[Si](C)(C)O[Si](C)(C)OC(C)CCCC
Mol. weight [g/mol]: 334.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.27		Crippen Method
logp	5.597		Crippen Method
rinpol	1483.00		NIST Webbook
rinpol	1483.00		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=U347670&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/39-522-9/Silane-dimethyl-dimethyl-2-hexyloxy-silyloxy-2-hexyloxy.pdf>

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