

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

Inchi: InChI=1S/C22H50O3Si2/c1-8-10-12-13-14-15-16-17-18-19-21-23-26(4,5)25-27(6,7)24-2
InchiKey: YPBHZCQUEZETOX-UHFFFAOYSA-N
Formula: C22H50O3Si2
SMILES: CCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OC(C)CCCC
Mol. weight [g/mol]: 418.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.67		Crippen Method
logp	7.939		Crippen Method
rinpol	2111.00		NIST Webbook
rinpol	2111.00		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=U347669&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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<https://www.chemeo.com/cid/43-936-5/Silane-dimethyl-dimethyl-2-hexyloxy-silyloxy-dodecyloxy.pdf>

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