

Silane, dimethyl(dimethylpentylloxysilyloxy)pentyl- oxy-

Inchi:	InChI=1S/C14H34O3Si2/c1-7-9-11-13-15-18(3,4)17-19(5,6)16-14-12-10-8-2/h7-14H2,1-6
InchiKey:	USGKZTRUDRKDC-UHFFFAOYSA-N
Formula:	C14H34O3Si2
SMILES:	CCCCCO[Si](C)(C)O[Si](C)(C)OCCCCC
Mol. weight [g/mol]:	306.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.21		Crippen Method
logp	4.820		Crippen Method
rinpol	1436.00		NIST Webbook
rinpol	1436.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U346813&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/67-865-8/Silane-dimethyl-dimethylpentylloxysilyloxy-pentyl-oxo.pdf>

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