

Silane, dimethyloctyloxyoctyloxy-

Other names:	Dimethyl[bis(octyloxy)]silane
Inchi:	InChI=1S/C18H40O2Si/c1-5-7-9-11-13-15-17-19-21(3,4)20-18-16-14-12-10-8-6-2/h5-18H
InchiKey:	UVWWZMMCNIYGLY-UHFFFAOYSA-N
Formula:	C18H40O2Si
SMILES:	CCCCCCCCO[Si](C)(C)OCCCCCCCC
Mol. weight [g/mol]:	316.59
CAS:	18536-88-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.16		Crippen Method
logp	6.442		Crippen Method
rinpol	1871.00		NIST Webbook
rinpol	1829.50		NIST Webbook
rinpol	1839.90		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18536884&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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