Bis(heptyloxy)(dimethyl)silane

Other names:	Silane, dimethyl, diheptyloxy
	Diheptyloxydimethylsilane
Inchi:	InChI=1S/C16H36O2Si/c1-5-7-9-11-13-15-17-19(3,4)18-16-14-12-10-8-6-2/h5-16H2,1-4H
InchiKey:	FZQWBQHLIFLIHV-UHFFFAOYSA-N
Formula:	C16H36O2Si
SMILES:	CCCCCCCO[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]:	288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	5.662		Crippen Method
rinpol	1644.10		NIST Webbook
rinpol	1644.10		NIST Webbook
rinpol	1587.00		NIST Webbook
rinpol	1644.10		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U334093&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices