Silane, diethylisobutoxy(4-octyloxy)-

Inchi:	InChI=1S/C16H36O2Si/c1-7-11-13-16(12-8-2)18-19(9-3,10-4)17-14-15(5)6/h15-16H,7-14
InchiKey:	ZBGLPXOCNRWQIX-UHFFFAOYSA-N
Formula:	C16H36O2Si
SMILES:	CCCCC(CCC)O[Si](CC)(CC)OCC(C)C
Mol. weight [g/mol]:	288.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.20		Crippen Method
logp	5.516		Crippen Method
rinpol	1485.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363746&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

Latest version available from:

https://www.chemeo.com/cid/63-969-7/Silane-diethylisobutoxy-4-octyloxy.pdf

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