Silane, diethyloctadecyloxy(1-phenylpropoxy)-

Inchi:	InChI=1S/C31H58O2Si/c1-5-9-10-11-12-13-14-15-16-17-18-19-20-21-22-26-29-32-34(7-
InchiKey:	FGGOMWUIGYQFII-UHFFFAOYSA-N
Formula:	C31H58O2Si
SMILES:	CCCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1
Mol. weight [g/mol]:	490.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.17		Crippen Method
logp	10.914		Crippen Method
rinpol	3059.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363278&Units=SI

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/18-474-6/Silane-diethyloctadecyloxy-1-phenylpropoxy.pdf

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