

# Silane, diethyl(3-phenoxybenzyloxy)tetradecyloxy-

<b>Inchi:</b>	InChI=1S/C31H50O3Si/c1-4-7-8-9-10-11-12-13-14-15-16-20-26-32-35(5-2,6-3)33-28-29-
<b>InchiKey:</b>	RSBDEGXWABAMNQ-UHFFFAOYSA-N
<b>Formula:</b>	C31H50O3Si
<b>SMILES:</b>	CCCCCCCCCCCCCO[Si](CC)(CC)OCc1ccc(Oc2ccccc2)c1
<b>Mol. weight [g/mol]:</b>	498.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.33		Crippen Method
logp	10.195		Crippen Method
rinsol	3325.00		NIST Webbook
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## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U363311&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U363311&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinsol:</b>	Non-polar retention indices

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<https://www.chemeo.com/cid/97-204-8/Silane-diethyl-3-phenoxybenzyloxy-tetradecyloxy.pdf>

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