

Silane, diethyloctadecyloxy(2-phenylphenoxy)-

Inchi: InChI=1S/C34H56O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-26-31-35-37(5-2,6
InchiKey: XNZCDLIYRFNJHR-UHFFFAOYSA-N
Formula: C34H56O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc1-c1cccc1
Mol. weight [g/mol]: 524.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.71		Crippen Method
logp	11.492		Crippen Method
rinpol	3515.00		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=U363290&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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<https://www.cheméo.com/cid/12-283-4/Silane-diethyloctadecyloxy-2-phenylphenoxy.pdf>

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