

Silane, diphenyl(3-ethylphenoxy)nonyloxy-

Inchi: InChI=1S/C29H38O2Si/c1-3-5-6-7-8-9-16-24-30-32(28-20-12-10-13-21-28,29-22-14-11-10)/1
InchiKey: GZTNXFZWPKHQHB-UHFFFAOYSA-N
Formula: C₂₉H₃₈O₂Si
SMILES: CCCCCCCCCO[Si](Oc1cccc(CC)c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 446.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.65		Crippen Method
logp	6.652		Crippen Method
rinsol	2941.00		NIST Webbook
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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=U367461&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/31-006-0/Silane-diphenyl-3-ethylphenoxy-nonyloxy.pdf>

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