

Silane, diphenyl(3-ethylphenoxy)heptyloxy-

Inchi: InChI=1S/C27H34O2Si/c1-3-5-6-7-14-22-28-30(26-18-10-8-11-19-26,27-20-12-9-13-21-22)/1-2
InchiKey: RPWQLRPTQGAEF-UHFFFAOYSA-N
Formula: C27H34O2Si
SMILES: CCCCCCO[Si](Oc1cccc(CC)c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 418.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.81		Crippen Method
logp	5.871		Crippen Method
rinpol	2740.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367459&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/60-395-7/Silane-diphenyl-3-ethylphenoxy-heptyloxy.pdf>

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