

Silane, diphenyl(2,4-dimethylpent-3-yloxy)octyloxy-

Inchi: InChI=1S/C27H42O2Si/c1-6-7-8-9-10-17-22-28-30(25-18-13-11-14-19-25,26-20-15-12-1
InchiKey: ZTYQEKIXLJOIPT-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.72		Crippen Method
logp	6.317		Crippen Method
rinpol	2533.00		NIST Webbook
rinpol	2533.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367532&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/47-234-0/Silane-diphenyl-2-4-dimethylpent-3-yloxy-octyloxy.pdf>

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