

Silane, diphenyl(3-methylbut-3-en-1-yloxy)octyloxy-

Inchi: InChI=1S/C25H36O2Si/c1-4-5-6-7-8-15-21-26-28(27-22-20-23(2)3,24-16-11-9-12-17-24)
InchiKey: OIQGSVSSZDIKAA-UHFFFAOYSA-N
Formula: C25H36O2Si
SMILES: C=C(C)CCO[Si](OCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 396.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.11		Crippen Method
logp	5.603		Crippen Method
rinpol	2489.00		NIST Webbook
rinpol	2489.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367811&Units=SI>

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/54-638-4/Silane-diphenyl-3-methylbut-3-en-1-yloxy-octyloxy.pdf>

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