

Silane, diphenyldecyloxy(pent-4-en-2-yloxy)-

Inchi: InChI=1S/C27H40O2Si/c1-4-6-7-8-9-10-11-18-24-28-30(29-25(3)19-5-2,26-20-14-12-15-
InchiKey: VXYWLQKZBCLYKZ-UHFFFAOYSA-N
Formula: C27H40O2Si
SMILES: C=CCC(C)O[Si](OCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.06		Crippen Method
logp	6.381		Crippen Method
rinpol	2614.00		NIST Webbook
rinpol	2614.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367830&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/94-844-1/Silane-diphenyldecyloxy-pent-4-en-2-yloxy.pdf>

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