

Silane, diphenyldodecyloxy(pent-4-en-1-yloxy)-

Inchi: InChI=1S/C29H44O2Si/c1-3-5-7-8-9-10-11-12-13-21-27-31-32(30-26-20-6-4-2,28-22-16-14-12)/Si1
InchiKey: FFVVRFRGJCLBSB-UHFFFAOYSA-N
Formula: C29H44O2Si
SMILES: C=CCCCO[Si](OCCCCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 452.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.79		Crippen Method
logp	7.163		Crippen Method
rinpol	2883.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367985&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/120-372-5/Silane-diphenyldodecyloxy-pent-4-en-1-yloxy.pdf>

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