

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

Inchi: InChI=1S/C27H40O2Si/c1-3-5-7-8-9-10-11-19-25-29-30(28-24-18-6-4-2,26-20-14-12-15-16-17-18)/Si1
InchiKey: RPEYMABNPPGSRV-UHFFFAOYSA-N
Formula: C27H40O2Si
SMILES: C=CCCCO[Si](OCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.95		Crippen Method
logp	6.383		Crippen Method
rinpol	2686.00		NIST Webbook
rinpol	2686.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367983&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/86-281-5/Silane-diphenyldecyloxy-pent-4-en-1-yloxy.pdf>

Generated by Cheméo on 2024-04-20 05:44:54.985859869 +0000 UTC m=+15881143.906437180.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.