

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

Inchi: InChI=1S/C33H52O2Si/c1-3-5-7-8-9-10-11-12-13-14-15-16-17-25-31-35-36(34-30-24-6-4-2)/Si1
InchiKey: NEADYMSMENATRI-UHFFFAOYSA-N
Formula: C33H52O2Si
SMILES: C=CCCCO[Si](OCCCCCCCCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 508.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.46		Crippen Method
logp	8.724		Crippen Method
rinpol	3301.00		NIST Webbook
rinpol	3301.00		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=U367986&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/68-533-5/Silane-diphenylhexadecyloxy-pent-4-en-1-yloxy.pdf>

Generated by Cheméo on 2024-04-25 08:20:57.410780003 +0000 UTC m=+16322506.331357320.

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