

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

Inchi: InChI=1S/C23H32O2Si/c1-4-6-7-14-20-24-26(25-21(3)15-5-2,22-16-10-8-11-17-22)23-18
InchiKey: TYOCWNRBWODEBR-UHFFFAOYSA-N
Formula: C23H32O2Si
SMILES: C=CCC(C)O[Si](OCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 368.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.39		Crippen Method
logp	4.821		Crippen Method
rinpol	2231.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367826&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/12-129-5/Silane-diphenylhexyloxy-pent-4-en-2-yloxy.pdf>

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