

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

Inchi: InChI=1S/C24H34O2Si/c1-3-5-7-8-16-22-26-27(25-21-15-6-4-2,23-17-11-9-12-18-23)24-
InchiKey: UDWXNWMYDQXUCJ-UHFFFAOYSA-N
Formula: C24H34O2Si
SMILES: C=CCCCO[Si](OCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 382.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.69		Crippen Method
logp	5.213		Crippen Method
rinpol	2402.00		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=U367980&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/58-086-3/Silane-diphenylheptyloxy-pent-4-en-1-yloxy.pdf>

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