

Silane, diphenyl(non-3-en-1-yloxy)octyloxy-

Inchi: InChI=1S/C29H44O2Si/c1-3-5-7-9-11-13-21-27-31-32(28-22-16-14-17-23-28,29-24-18-1)
InchiKey: QYFGYYKJAKTOSI-ACCUITESSA-N
Formula: C29H44O2Si
SMILES: CCCCCC=CCCO[Si](OCCCCCCCC)(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	2858.00		NIST Webbook
rinpol	2858.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367800&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

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<https://www.cheméo.com/cid/115-080-5/Silane-diphenyl-non-3-en-1-yloxy-octyloxy.pdf>

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