

Silane, diphenylethoxy(tetradec-3-en-1-yloxy)-

Inchi: InChI=1S/C28H42O2Si/c1-3-5-6-7-8-9-10-11-12-13-14-21-26-30-31(29-4-2,27-22-17-15-
InchiKey: CSDMMJBNTHNWCJ-BUHFOSPRSA-N
Formula: C28H42O2Si
SMILES: CCCCCCCCCC=CCCO[Si](OCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 438.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.37		Crippen Method
logp	6.773		Crippen Method
rinpol	2864.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367968&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/54-137-0/Silane-diphenylethoxy-tetradec-3-en-1-yloxy.pdf>

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