

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

Inchi: InChI=1S/C30H46O2Si/c1-3-5-7-8-9-10-11-12-13-14-15-22-28-32-33(31-27-6-4-2,29-23-24-25-26)/1
InchiKey: RPYZGXTXLZIRCY-CCEZHUSRSA-N
Formula: C30H46O2Si
SMILES: CCCCCCCCCC=CCCO[Si](OCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 466.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.21		Crippen Method
logp	7.553		Crippen Method
rinpol	3018.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367970&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/22-958-4/Silane-diphenylbutoxy-tetradec-3-en-1-yloxy.pdf>

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