

Silane, diphenyl(but-2-en-1-yloxy)heptyloxy-

Inchi: InChI=1S/C23H32O2Si/c1-3-5-7-8-15-21-25-26(24-20-6-4-2,22-16-11-9-12-17-22)23-18-
InchiKey: LCNBXHIVILKVSA-GQCTYLIASA-N
Formula: C23H32O2Si
SMILES: CC=CCO[Si](OCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 368.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.27		Crippen Method
logp	4.823		Crippen Method
rinpol	2343.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367854&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/40-550-6/Silane-diphenyl-but-2-en-1-yloxy-heptyloxy.pdf>

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