

Silane, diethylisohexyloxy(2-phenylethoxy)-

Inchi: InChI=1S/C18H32O2Si/c1-5-21(6-2,19-15-10-11-17(3)4)20-16-14-18-12-8-7-9-13-18/h7-
InchiKey: ZUVQNYYLXZDDIS-UHFFFAOYSA-N
Formula: C18H32O2Si
SMILES: CC[Si](CC)(OCCCC(C)C)OCCc1ccccc1
Mol. weight [g/mol]: 308.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.03		Crippen Method
logp	5.181		Crippen Method
rinpol	1894.00		NIST Webbook
rinpol	1894.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363164&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/12-851-3/Silane-diethylisohexyloxy-2-phenylethoxy.pdf>

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