

Silane, diethylisobutoxy(2-phenylethoxy)-

Inchi: InChI=1S/C16H28O2Si/c1-5-19(6-2,18-14-15(3)4)17-13-12-16-10-8-7-9-11-16/h7-11,15H
InchiKey: NTZGAYSHSOOJFL-UHFFFAOYSA-N
Formula: C16H28O2Si
SMILES: CC[Si](CC)(OCCc1ccccc1)OCC(C)C
Mol. weight [g/mol]: 280.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.19		Crippen Method
logp	4.400		Crippen Method
rinpol	1687.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363161&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/20-955-9/Silane-diethylisobutoxy-2-phenylethoxy.pdf>

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