

Silane, diethylpentyloxy(3-phenylpropoxy)-

Inchi: InChI=1S/C18H32O2Si/c1-4-7-11-16-19-21(5-2,6-3)20-17-12-15-18-13-9-8-10-14-18/h8-
InchiKey: NGYYUQQLSSETCE-UHFFFAOYSA-N
Formula: C18H32O2Si
SMILES: CCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 308.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.27		Crippen Method
logp	5.325		Crippen Method
rinpol	1949.00		NIST Webbook
rinpol	1949.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363145&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/24-160-7/Silane-diethylpentyloxy-3-phenylpropoxy.pdf>

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