Silane, diethylpentyloxy(1-phenylpropoxy)-

Inchi: InChI=1S/C18H32O2Si/c1-5-9-13-16-19-21(7-3,8-4)20-18(6-2)17-14-11-10-12-15-17/h10
InchiKey: JYFLJXRBDWLZLR-UHFFFAOYSA-N
Formula: C18H32O2Si
SMILES: CCCCCO[Si](CC)(CC)OC(CC)c1ccccc1
Mol. weight [g/mol]: 308.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.73		Crippen Method
logp	5.843		Crippen Method
rinpol	1786.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363267&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices