Silane, methylvinyl(phenoxy)dodecyloxy-

Inchi: InChI=1S/C21H36O2Si/c1-4-6-7-8-9-10-11-12-13-17-20-22-24(3,5-2)23-21-18-15-14-16-

InchiKey: YSYASMNKEYZKDR-UHFFFAOYSA-N

Formula: C21H36O2Si

SMILES: C=C[Si](C)(OCCCCCCCCCCCC)Oc1ccccc1

Mol. weight [g/mol]: 348.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.11		Crippen Method
logp	6.800		Crippen Method
rinpol	2214.00		NIST Webbook
rinpol	2214.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U416933&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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