

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)(OCCCCCCCCCCCCC)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

Latest version available from:

<https://www.chemeo.com/cid/84-814-5/Silane-methylvinyl-phenoxy-dodecyloxy.pdf>

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