

Silane, diphenyl(3-methylpentyloxy)propoxy-

Inchi: InChI=1S/C21H30O2Si/c1-4-17-22-24(20-12-8-6-9-13-20,21-14-10-7-11-15-21)23-18-16
InchiKey: MZHGCHRUFYHHG-UHFFFAOYSA-N
Formula: C21H30O2Si
SMILES: CCCO[Si](OCCC(C)CC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 342.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.34		Crippen Method
logp	4.122		Crippen Method
rinpol	2108.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367779&Units=SI>

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/37-062-2/Silane-diphenyl-3-methylpentyloxy-propoxy.pdf>

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