

Silane, diphenyl(2,4-dimethylpent-3-yloxy)propoxy-

Inchi: InChI=1S/C22H32O2Si/c1-6-17-23-25(20-13-9-7-10-14-20,21-15-11-8-12-16-21)24-22(1
InchiKey: QJBIMCFTKPKWDC-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.63		Crippen Method
logp	4.367		Crippen Method
rinpol	2084.00		NIST Webbook
rinpol	2084.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367525&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.chemeo.com/cid/30-901-7/Silane-diphenyl-2-4-dimethylpent-3-yloxy-propoxy.pdf>

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