

Silane, diphenylethoxy(2,4,4-trimethylpentylxy)-

Inchi:	InChI=1S/C22H32O2Si/c1-6-23-25(20-13-9-7-10-14-20,21-15-11-8-12-16-21)24-18-19(2
InchiKey:	GGARCAHSJAYYNB-UHFFFAOYSA-N
Formula:	C22H32O2Si
SMILES:	CCO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.52		Crippen Method
logp	4.368		Crippen Method
rinpol	2085.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368048&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/45-889-6/Silane-diphenylethoxy-2-4-4-trimethylpentylxy.pdf>

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