Silane, diphenyl(hept-2-yloxy)propoxy-

Inchi:	InChI=1S/C22H32O2Si/c1-4-6-9-14-20(3)24-25(23-19-5-2,21-15-10-7-11-16-21)22-17-12
InchiKey:	VSQFHCMWRCYKKF-UHFFFAOYSA-N
Formula:	C22H32O2Si
SMILES:	CCCCCC(C)O[Si](OCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.11		Crippen Method
logp	4.655		Crippen Method
rinpol	2138.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U367623&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/17-883-3/Silane-diphenyl-hept-2-yloxy-propoxy.pdf

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