

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

Inchi:	InChI=1S/C27H42O2Si/c1-4-6-8-9-10-18-24-28-30(26-20-14-11-15-21-26,27-22-16-12-1
InchiKey:	WODYYPFSJPGPK-UHFFFAOYSA-N
Formula:	C27H42O2Si
SMILES:	CCCCCCCCO[Si](OC(C)CCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.21		Crippen Method
logp	6.606		Crippen Method
rinpol	2578.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U367629&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/16-478-4/Silane-diphenyl-hept-2-yloxy-octyloxy.pdf>

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