

Silane, dimethyl(3-phenylprop-2-enyloxy)octyloxy-

Inchi:	InChI=1S/C19H32O2Si/c1-4-5-6-7-8-12-17-20-22(2,3)21-18-13-16-19-14-10-9-11-15-19/
InchiKey:	ZKCKWBNAJLSELY-DTQAZKPQSA-N
Formula:	C19H32O2Si
SMILES:	CCCCCCCCO[Si](C)(C)OCC=Cc1ccccc1
Mol. weight [g/mol]:	320.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.71		Crippen Method
logp	5.795		Crippen Method
rinpol	2121.00		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=U347987&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/63-612-2/Silane-dimethyl-3-phenylprop-2-enyloxy-octyloxy.pdf>

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