

Silane, methylvinyl(3,7-dimethyloctyloxy)propoxy-

Inchi:	InChI=1S/C16H34O2Si/c1-7-13-17-19(6,8-2)18-14-12-16(5)11-9-10-15(3)4/h8,15-16H,2,
InchiKey:	PVCDOAWFKQAIK-UHFFFAOYSA-N
Formula:	C16H34O2Si
SMILES:	C=C[Si](C)(OCCC)OCCC(C)CCCC(C)C
Mol. weight [g/mol]:	286.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.78		Crippen Method
logp	5.079		Crippen Method
rinpol	1595.00		NIST Webbook
rinpol	1595.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U416389&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.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.cheméo.com/cid/118-230-5/Silane-methylvinyl-3-7-dimethyloctyloxy-propoxy.pdf>

Generated by Cheméo on 2024-05-24 10:24:46.831398087 +0000 UTC m=+18835535.751975402.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.