

Silane, methylvinyl(octyloxy)(methylvinylbutoxysilyloxy)

Inchi: InChI=1S/C18H38O3Si2/c1-7-11-13-14-15-16-18-20-23(6,10-4)21-22(5,9-3)19-17-12-8-2
InchiKey: MKUDQIIVAJEDEU-UHFFFAOYSA-N
Formula: C18H38O3Si2
SMILES: C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCCCCCCCC
Mol. weight [g/mol]: 358.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.77		Crippen Method
logp	5.791		Crippen Method
rinpol	2124.00		NIST Webbook
rinpol	2124.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416549&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/118-635-6/Silane-methylvinyl-octyloxy-methylvinylbutoxysilyloxy.pdf>

Generated by Cheméo on 2024-05-03 20:37:42.592551863 +0000 UTC m=+17057911.513129174.

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