

Silane, dimethyl(dimethyl(undec-2-enyloxy)silyloxy)hexyloxy

Inchi: InChI=1S/C21H46O3Si2/c1-7-9-11-13-14-15-16-17-19-21-23-26(5,6)24-25(3,4)22-20-18
InchiKey: IXTBGVLFQHVCAQ-HTXNQAPBSA-N
Formula: C21H46O3Si2
SMILES: CCCCCCCC=CCO[Si](C)(C)O[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 402.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.99		Crippen Method
logp	7.327		Crippen Method
rinpol	2087.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347950&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/16-541-3/Silane-dimethyl-dimethyl-undec-2-enyloxy-silyloxy-hexyloxy.pdf>

Generated by Cheméo on 2024-04-19 18:18:30.332372509 +0000 UTC m=+15839959.252949824.

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