

Silane, methylvinyl(hexyloxy)(methylvinylundecyloxysilyloxy)silyloxy

Inchi: InChI=1S/C23H48O3Si2/c1-7-11-13-15-16-17-18-19-21-23-25-28(6,10-4)26-27(5,9-3)24-2
InchiKey: DCDWUFGLHUQHHR-UHFFFAOYSA-N
Formula: C23H48O3Si2
SMILES: C=C[Si](C)(OCCCCC)O[Si](C)(C=C)OCCCCCCCCC
Mol. weight [g/mol]: 428.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.86		Crippen Method
logp	7.742		Crippen Method
rinpol	2132.00		NIST Webbook
rinpol	2132.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416448&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/119-754-3/Silane-methylvinyl-hexyloxy-methylvinylundecyloxysilyloxy.pdf>

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