

Silane, methylvinyl(dodecyloxy)(methylvinylbutoxysilyloxy)

Inchi: InChI=1S/C22H46O3Si2/c1-7-11-13-14-15-16-17-18-19-20-22-24-27(6,10-4)25-26(5,9-3)
InchiKey: VSCQAHURMRQBCZ-UHFFFAOYSA-N
Formula: C22H46O3Si2
SMILES: C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCCCCCCCCCCCC
Mol. weight [g/mol]: 414.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.44		Crippen Method
logp	7.352		Crippen Method
rinpol	2139.00		NIST Webbook
rinpol	2139.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416890&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/116-880-6/Silane-methylvinyl-dodecyloxy-methylvinylbutoxysilyloxy.pdf>

Generated by Cheméo on 2024-05-03 08:12:44.567782298 +0000 UTC m=+17013213.488359613.

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