

Silane, methylvinyl(oct-4-yloxy)dodecyloxy-

Inchi: InChI=1S/C23H48O2Si/c1-6-10-12-13-14-15-16-17-18-19-22-24-26(5,9-4)25-23(20-8-3)2
InchiKey: GHJYBCYAYKGRPV-UHFFFAOYSA-N
Formula: C23H48O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCC)OC(CCC)CCCC
Mol. weight [g/mol]: 384.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.31		Crippen Method
logp	8.097		Crippen Method
rinpol	2276.00		NIST Webbook
rinpol	2276.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416608&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

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<https://www.cheméo.com/cid/97-235-4/Silane-methylvinyl-oct-4-yloxy-dodecyloxy.pdf>

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