

Silane, methylvinyl(dodecyloxy)butoxy-

Inchi: InChI=1S/C19H40O2Si/c1-5-8-10-11-12-13-14-15-16-17-19-21-22(4,7-3)20-18-9-6-2/h7H
InchiKey: SCHCIDNRHCSFRY-UHFFFAOYSA-N
Formula: C19H40O2Si
SMILES: C=C[Si](C)(OCCCC)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 328.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.52		Crippen Method
logp	6.538		Crippen Method
rinpol	1928.00		NIST Webbook
rinpol	1928.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416880&Units=SI>

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/97-769-2/Silane-methylvinyl-dodecyloxy-butoxy.pdf>

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