

Silane, methylvinyl(hept-4-yloxy)decyloxy-

Inchi: InChI=1S/C20H42O2Si/c1-6-10-11-12-13-14-15-16-19-21-23(5,9-4)22-20(17-7-2)18-8-3/
InchiKey: VBQYOPAXSUURMS-UHFFFAOYSA-N
Formula: C20H42O2Si
SMILES: C=C[Si](C)(OCCCCCCCCC)OC(CCC)CCC
Mol. weight [g/mol]: 342.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.05		Crippen Method
logp	6.926		Crippen Method
rinpol	1911.00		NIST Webbook
rinpol	1911.00		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=U416978&Units=SI>

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.chemeo.com/cid/95-674-9/Silane-methylvinyl-hept-4-yloxy-decyloxy.pdf>

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