

Silane, methylvinyl(hept-2-yloxy)(methylvinyl)octyloxysilyloxy

Inchi: InChI=1S/C21H44O3Si2/c1-8-12-14-15-16-18-20-22-25(6,10-3)24-26(7,11-4)23-21(5)19-20
InchiKey: YXELJSYVOZTDKP-UHFFFAOYSA-N
Formula: C₂₁H₄₄O₃Si₂
SMILES: C=C[Si](C)(OCCCCCCCC)O[Si](C)(C=C)OC(C)CCCC
Mol. weight [g/mol]: 400.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.13		Crippen Method
logp	6.960		Crippen Method
rinpol	2497.00		NIST Webbook
rinpol	2497.00		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=U415660&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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