

Silane, methylvinyl(hept-2-yloxy)(methylvinylheptyloxysilyloxy)silane

Inchi: InChI=1S/C20H42O3Si2/c1-8-12-14-15-17-19-21-24(6,10-3)23-25(7,11-4)22-20(5)18-16
InchiKey: SBGCPHZHOAJSRT-UHFFFAOYSA-N
Formula: C20H42O3Si2
SMILES: C=C[Si](C)(OCCCCCCC)O[Si](C)(C=C)OC(C)CCCC
Mol. weight [g/mol]: 386.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	6.570		Crippen Method
rinpol	1882.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U415643&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/117-337-8/Silane-methylvinyl-hept-2-yloxy-methylvinylheptyloxysilyloxy.pdf>

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