

Silane, methylvinyl(isobutoxy)(methylvinyldecyloxysilyloxy)silane

Inchi: InChI=1S/C20H42O3Si2/c1-8-11-12-13-14-15-16-17-18-21-24(6,9-2)23-25(7,10-3)22-19
InchiKey: MDDPHZIBUJRHEW-UHFFFAOYSA-N
Formula: C20H42O3Si2
SMILES: C=C[Si](C)(OCCCCCCCCC)O[Si](C)(C=C)OCC(C)C
Mol. weight [g/mol]: 386.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	6.427		Crippen Method
rinpol	2002.00		NIST Webbook
rinpol	2002.00		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=U416420&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/112-939-5/Silane-methylvinyl-isobutoxy-methylvinyldecyloxysilyloxy.pdf>

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