

Silane, dimethyl(dimethyl(but-3-enyloxy)silyloxy)(but-3-e

Inchi: InChI=1S/C12H26O3Si2/c1-7-9-11-13-16(3,4)15-17(5,6)14-12-10-8-2/h7-8H,1-2,9-12H2,
InchiKey: YTDCZADXLKOZPH-UHFFFAOYSA-N
Formula: C12H26O3Si2
SMILES: C=CCCO[Si](C)(C)O[Si](C)(C)OCCC=C
Mol. weight [g/mol]: 274.50

Physical Properties

Property code	Value	Unit	Source
log10ws	0.92		Crippen Method
logp	3.592		Crippen Method
rinpol	1241.00		NIST Webbook
rinpol	1241.00		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=U348044&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/55-791-3/Silane-dimethyl-dimethyl-but-3-enyloxy-silyloxy-but-3-enyloxy.pdf>

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