

Silane, methylvinyl(hexadecyloxy)(methylvinylethoxysilyloxy)

Inchi: InChI=1S/C24H50O3Si2/c1-7-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-29(6,10-4)
InchiKey: KSZWUISPCXBKCD-UHFFFAOYSA-N
Formula: C₂₄H₅₀O₃Si₂
SMILES: C=C[Si](C)(OCC)O[Si](C)(C=C)OCCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 442.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.28		Crippen Method
logp	8.132		Crippen Method
rinpol	2374.00		NIST Webbook
rinpol	2374.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416901&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/120-137-6/Silane-methylvinyl-hexadecyloxy-methylvinylethoxysilyloxy.pdf>

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