

Silane, dimethyl(but-2-enyloxy)pentadecyloxy-

Inchi: InChI=1S/C21H44O2Si/c1-5-7-9-10-11-12-13-14-15-16-17-18-19-21-23-24(3,4)22-20-8-6
InchiKey: IEQBYCOXBDSTOQ-SOFGYWHQSA-N
Formula: C21H44O2Si
SMILES: CC=CCO[Si](C)(C)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 356.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.27		Crippen Method
logp	7.389		Crippen Method
rinpol	2171.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348061&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/36-309-9/Silane-dimethyl-but-2-enyloxy-pentadecyloxy.pdf>

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