

Silane, dimethyl(but-3-enyloxy)tetradecyloxy-

Inchi: InChI=1S/C20H42O2Si/c1-5-7-9-10-11-12-13-14-15-16-17-18-20-22-23(3,4)21-19-8-6-2/
InchiKey: ZFHPIDSCYQWYDZ-UHFFFAOYSA-N
Formula: C20H42O2Si
SMILES: C=CCCO[Si](C)(C)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 342.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.86		Crippen Method
logp	6.999		Crippen Method
rinpol	2055.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348030&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/37-989-4/Silane-dimethyl-but-3-enyloxy-tetradecyloxy.pdf>

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