

Silane, diethyl(2-decyloxy)octadecyloxy-

Inchi: InChI=1S/C32H68O2Si/c1-6-10-12-14-16-17-18-19-20-21-22-23-24-25-27-29-31-33-35(8)
InchiKey: KOTNPYJUQFHJLR-UHFFFAOYSA-N
Formula: C32H68O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(C)CCCCCCC
Mol. weight [g/mol]: 512.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.14		Crippen Method
logp	11.902		Crippen Method
rinpol	3081.00		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=U363453&Units=SI>

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/43-158-9/Silane-diethyl-2-decyloxy-octadecyloxy.pdf>

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