

Silane, diethyldecyloxyoctadecyloxy-

Inchi: InChI=1S/C32H68O2Si/c1-5-9-11-13-15-17-18-19-20-21-22-23-24-26-28-30-32-34-35(7-
InchiKey: NRXPTUJJUBJLDD-UHFFFAOYSA-N
Formula: C32H68O2Si
SMILES: CCCCCCCCCCCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCC
Mol. weight [g/mol]: 512.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.02		Crippen Method
logp	11.904		Crippen Method
rinpol	3171.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363333&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/32-028-5/Silane-diethyldecyloxyoctadecyloxy.pdf>

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