

Silane, diethyl(1-naphthoxy)octadecyloxy-

Inchi: InChI=1S/C32H54O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-23-29-33-35(5-2,6
InchiKey: RNCAEAAGBKQXBZ-UHFFFAOYSA-N
Formula: C32H54O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc2cccc12
Mol. weight [g/mol]: 498.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.91		Crippen Method
logp	10.979		Crippen Method
rinpol	3487.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363811&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/19-368-3/Silane-diethyl-1-naphthoxy-octadecyloxy.pdf>

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