

Silane, diethylhexadecyloxy(2-naphthylmethoxy)-

Inchi: InChI=1S/C31H52O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-21-26-32-34(5-2,6-3)33-
InchiKey: RWJYVANUTALRAO-UHFFFAOYSA-N
Formula: C31H52O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OCc1ccc2ccccc2c1
Mol. weight [g/mol]: 484.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.33		Crippen Method
logp	10.336		Crippen Method
rinpol	3378.00		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=U363341&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/57-539-1/Silane-diethylhexadecyloxy-2-naphthylmethoxy.pdf>

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