

Silane, diethyl(1-naphthoxy)pentadecyloxy-

Inchi: InChI=1S/C29H48O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-20-26-30-32(5-2,6-3)31-29-
InchiKey: JKEDTRFBBIDWGA-UHFFFAOYSA-N
Formula: C29H48O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc2cccc12
Mol. weight [g/mol]: 456.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.65		Crippen Method
logp	9.808		Crippen Method
rinpol	3167.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363808&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/55-053-2/Silane-diethyl-1-naphthoxy-pentadecyloxy.pdf>

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