

Silane, diethyl(2-decyloxy)hexadecyloxy-

Inchi: InChI=1S/C30H64O2Si/c1-6-10-12-14-16-17-18-19-20-21-22-23-25-27-29-31-33(8-3,9-4,
InchiKey: MWZXDIWOQRGVCE-UHFFFAOYSA-N
Formula: C30H64O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(C)CCCCCCCC
Mol. weight [g/mol]: 484.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.30		Crippen Method
logp	11.122		Crippen Method
rinpol	2872.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363452&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/35-831-0/Silane-diethyl-2-decyloxy-hexadecyloxy.pdf>

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