

Silane, diethyl(2-hexyloxy)octadecyloxy-

Inchi: InChI=1S/C28H60O2Si/c1-6-10-12-13-14-15-16-17-18-19-20-21-22-23-24-25-27-29-31(8)
InchiKey: ZPKQUYZHQIRZGH-UHFFFAOYSA-N
Formula: C28H60O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(C)CCCC
Mol. weight [g/mol]: 456.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.46		Crippen Method
logp	10.342		Crippen Method
rinpol	2718.00		NIST Webbook
rinpol	2718.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363513&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/34-184-0/Silane-diethyl-2-hexyloxy-octadecyloxy.pdf>

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