Silane, diethyl(2-methylpent-3-yloxy)octadecyloxy-

Inchi: InChI=1S/C28H60O2Si/c1-7-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-29-31(9

InchiKey: IYCDAVHKTWEDFZ-UHFFFAOYSA-N

Formula: C28H60O2Si

SMILES: CCCCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)C(C)C

Mol. weight [g/mol]: 456.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.22		Crippen Method
logp	10.198		Crippen Method
rinpol	2754.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363789&Units=SI

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/17-885-1/Silane-diethyl-2-methylpent-3-yloxy-octadecyloxy.pdf

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