

Silane, diethyl(4-heptyloxy)octadecyloxy-

Inchi: InChI=1S/C29H62O2Si/c1-6-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-28-30-32(9)
InchiKey: OGDYNFLIZDCTAP-UHFFFAOYSA-N
Formula: C29H62O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](CC)(CC)OC(CCC)CCC
Mol. weight [g/mol]: 470.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.88		Crippen Method
logp	10.732		Crippen Method
rinpol	2779.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363718&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/16-531-4/Silane-diethyl-4-heptyloxy-octadecyloxy.pdf>

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