

Silane, diethylhexadecyloxy(3-phenylpropoxy)-

Inchi: InChI=1S/C29H54O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-22-27-30-32(5-2,6-3)31-
InchiKey: FTBGLFUJMDQVDF-UHFFFAOYSA-N
Formula: C29H54O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 462.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.87		Crippen Method
logp	9.616		Crippen Method
rinpol	3013.00		NIST Webbook
rinpol	3013.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363155&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.chemeo.com/cid/119-962-2/Silane-diethylhexadecyloxy-3-phenylpropoxy.pdf>

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