

Silane, diethylhexadecyloxy(4-isopropylphenoxy)-

Inchi: InChI=1S/C29H54O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-26-30-32(7-2,8-3)3
InchiKey: KEDUWDOXNZROLK-UHFFFAOYSA-N
Formula: C29H54O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc(C(C)C)cc1
Mol. weight [g/mol]: 462.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.45		Crippen Method
logp	10.169		Crippen Method
rinsol	2926.00		NIST Webbook
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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=U363198&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/117-255-9/Silane-diethylhexadecyloxy-4-isopropylphenoxy.pdf>

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