

Silane, diethylhexadecyloxy(2-phenylethoxy)-

Inchi: InChI=1S/C28H52O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-22-26-29-31(5-2,6-3)30-
InchiKey: PLROHQRIGBOUGO-UHFFFAOYSA-N
Formula: C28H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.45		Crippen Method
logp	9.226		Crippen Method
rinsol	2900.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363171&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
rinsol: Non-polar retention indices

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<https://www.cheméo.com/cid/39-547-2/Silane-diethylhexadecyloxy-2-phenylethoxy.pdf>

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