

Silane, diethyl(2,6-dimethoxyphenoxy)hexadecyloxy-

Inchi: InChI=1S/C28H52O4Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-25-31-33(7-2,8-3)3
InchiKey: JLEGYFMECDDTNL-UHFFFAOYSA-N
Formula: C28H52O4Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1c(OC)cccc1OC
Mol. weight [g/mol]: 480.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.50		Crippen Method
logp	9.062		Crippen Method
rinpol	3055.00		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=U363252&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/39-823-5/Silane-diethyl-2-6-dimethoxyphenoxy-hexadecyloxy.pdf>

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