

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

Inchi: InChI=1S/C24H44O4Si/c1-6-9-10-11-12-13-14-15-16-17-21-27-29(7-2,8-3)28-24-22(25-4)
InchiKey: OZASSOGUYVQARD-UHFFFAOYSA-N
Formula: C24H44O4Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1c(OC)cccc1OC
Mol. weight [g/mol]: 424.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.83		Crippen Method
logp	7.502		Crippen Method
rinpol	2647.00		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=U363248&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/50-162-6/Silane-diethyl-2-6-dimethoxyphenoxy-dodecyloxy.pdf>

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