

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

Inchi: InChI=1S/C26H48O4Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-23-29-31(7-2,8-3)30-26-2
InchiKey: MQTHLCXTMPKPBN-UHFFFAOYSA-N
Formula: C26H48O4Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)Oc1c(OC)cccc1OC
Mol. weight [g/mol]: 452.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.67		Crippen Method
logp	8.282		Crippen Method
rinpol	2843.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363250&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/39-929-8/Silane-diethyl-2-6-dimethoxyphenoxy-tetradecyloxy.pdf>

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