

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

Inchi: InChI=1S/C24H44O4Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-21-27-29(4,5)28-24-22(25-26)3
InchiKey: MIXXVTGTQOQWCO-UHFFFAOYSA-N
Formula: C24H44O4Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)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 | 2682.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347135&Units=SI>

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/56-020-7/Silane-dimethyl-2-6-dimethoxyphenoxy-tetradecyloxy.pdf>

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