

Silane, diethyl(2,5-dimethylphenoxy)tetradecyloxy-

Inchi: InChI=1S/C26H48O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-22-27-29(7-2,8-3)28-26-2
InchiKey: MPTGABBVNUDDAB-UHFFFAOYSA-N
Formula: C26H48O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 420.74

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -7.38 | | Crippen Method |
| logp | 8.882 | | Crippen Method |
| rinpol | 2650.00 | | NIST Webbook |
| rinpol | 2650.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363263&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/12-196-1/Silane-diethyl-2-5-dimethylphenoxy-tetradecyloxy.pdf>

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