

Silane, diethylhexadecyloxy(1-phenylpropoxy)-

Inchi: InChI=1S/C29H54O2Si/c1-5-9-10-11-12-13-14-15-16-17-18-19-20-24-27-30-32(7-3,8-4)3
InchiKey: FFGWOSLAPQVRPW-UHFFFAOYSA-N
Formula: C29H54O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1
Mol. weight [g/mol]: 462.82

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -8.33 | | Crippen Method |
| logp | 10.134 | | Crippen Method |
| rinpol | 2847.00 | | NIST Webbook |
| rinpol | 2847.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363277&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/113-509-1/Silane-diethylhexadecyloxy-1-phenylpropoxy.pdf>

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