

Silane, dimethyl(dimethyl(3-phenylpro-2-enyloxy)silyloxy

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|----------------------|---|
| Inchi: | InChI=1S/C18H32O3Si2/c1-6-7-11-16-19-22(2,3)21-23(4,5)20-17-12-15-18-13-9-8-10-14 |
| InchiKey: | YXZZWBTVXDZXGE-NTCAYCPXSA-N |
| Formula: | C18H32O3Si2 |
| SMILES: | CCCCO[Si](C)(C)O[Si](C)(C)OCC=Cc1ccccc1 |
| Mol. weight [g/mol]: | 352.62 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.01 | | Crippen Method |
| logp | 5.343 | | Crippen Method |
| rinpol | 1973.00 | | NIST Webbook |

Sources

| | |
|-----------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U347989&Units=SI |

Legend

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

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