

Silane, diphenyl(3-oxobut-2-yloxy)propoxy-

Inchi: InChI=1S/C19H24O3Si/c1-4-15-21-23(22-17(3)16(2)20,18-11-7-5-8-12-18)19-13-9-6-10-
InchiKey: CFVPNSYMQIKRQY-UHFFFAOYSA-N
Formula: C19H24O3Si
SMILES: CCCO[Si](OC(C)C(C)=O)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 328.48

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -10.14 | | Crippen Method |
| logp | 2.664 | | Crippen Method |
| rinpol | 2054.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367736&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/14-974-5/Silane-diphenyl-3-oxobut-2-yloxy-propoxy.pdf>

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