

# Silane, diphenyl(2,4-dimethylpent-3-yloxy)dodecyloxy-

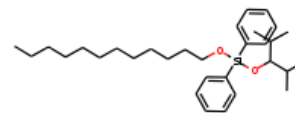
**InChI:** InChI=1S/C31H50O2Si/c1-6-7-8-9-10-11-12-13-14-21-26-32-34(29-22-17-15-18-23-29,30-24-19-16-20-25-30)33-31(27(2)3)28(4)5/h15-20,22-25,27-28,31H,6-14,21,26H2,1-5H3

**InChI Key:** OUPRYLIDGOTJBD-UHFFFAOYSA-N

**Formula:** C<sub>31</sub>H<sub>50</sub>O<sub>2</sub>Si

**SMILES:** CCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1

**Molecular Weight:** 482.81



## Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	7.878		Crippen Method

## Sources

**NIST Webbook:** [http://webbook.nist.gov/cgi/inchi/InChI=1S/C31H50O2Si/c1-6-7-8-9-10-11-12-13-14-21-26-32-34\(29-22-17-15-18-23-29,30-24-19-16-20-25-30\)33-31\(27\(2\)3\)28\(4\)5/h15-20,22-25,27-28,31H,6-14,21,26H2,1-5H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C31H50O2Si/c1-6-7-8-9-10-11-12-13-14-21-26-32-34(29-22-17-15-18-23-29,30-24-19-16-20-25-30)33-31(27(2)3)28(4)5/h15-20,22-25,27-28,31H,6-14,21,26H2,1-5H3)

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

$\log P_{\text{oct/wat}}$ : Octanol/Water partition coefficient .

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