

# Silane, diphenylhexadecyloxy(2,2,3,3-tetrafluoropropoxy)-

**InChI:** InChI=1S/C31H46F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-21-26-36-38(28-22-17-15-18-23-28,29-24-19-16-20-25-29)37-27-31(34,35)30(32)33/h15-20,22-25,30H,2-14,21,26-27H2,1H3

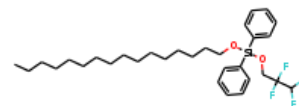
**InChI Key:** OOXSAOMB SGYVLH-UHFFFAOYSA-N

**Formula:** C31H46F4O2Si

**SMILES:**

CCCCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1

**Molecular Weight:** 554.77



## Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	8.66		Crippen Method

## Sources

**NIST Webbook:** [http://webbook.nist.gov/cgi/inchi/InChI=1S/C31H46F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-21-26-36-38\(28-22-17-15-18-23-28,29-24-19-16-20-25-29\)37-27-31\(34,35\)30\(32\)33/h15-20,22-25,30H,2-14,21,26-27H2,1H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C31H46F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-21-26-36-38(28-22-17-15-18-23-28,29-24-19-16-20-25-29)37-27-31(34,35)30(32)33/h15-20,22-25,30H,2-14,21,26-27H2,1H3)

**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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