# Silane, diethyldi(pentafluorobenzyloxy)-

| | |
|---|---|
| **Inchi:** | InChI=1S/C18H14F10O2Si/c1-3-31(4-2,29-5-7-9(19)13(23)17(27)14(24)10(7)20)30-6-8-1 |
| **InchiKey:** | DBFHVABXPWNGGT-UHFFFAOYSA-N |
| **Formula:** | C18H14F10O2Si |
| **SMILES:** | CC[Si](CC)(OCc1c(F)c(F)c(F)c(F)c1F)OCc1c(F)c(F)c(F)c(F)c1F |
| **Mol. weight [g/mol]:** | 480.37 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.68 | | Crippen Method |
| logp | 6.293 | | Crippen Method |
| rinpol | 1813.00 | | NIST Webbook |
| rinpol | 1813.00 | | NIST Webbook |

## Sources

| | |
|---|---|
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=U363232&Units=SI |

## 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/27-298-2/Silane-diethyldi-pentafluorobenzyloxy.pdf
Generated by Cheméo on 2024-10-12 06:22:42.285663964 +0000 UTC m=+3295024.922633221.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.