# 1-Dimethyl(pentafluorophenyl)silyloxypropane

| | |
|---|---|
| **Other names:** | 1-Propanol DMPFPS |
| | 1-Propanol, FP |
| **Inchi:** | InChI=1S/C11H13F5OSi/c1-4-5-17-18(2,3)11-9(15)7(13)6(12)8(14)10(11)16/h4-5H2,1-3H |
| **InchiKey:** | GILOEPIHADKBNZ-UHFFFAOYSA-N |
| **Formula:** | C11H13F5OSi |
| **SMILES:** | CCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F |
| **Mol. weight [g/mol]:** | 284.30 |
| **CAS:** | 71338-89-1 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.31 | | Crippen Method |
| logp | 3.221 | | Crippen Method |

## 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=C71338891&Units=SI |

## Legend

| | |
|---|---|
| **log10ws:** | Log10 of Water solubility in mol/l |
| **logp:** | Octanol/Water partition coefficient |