# Benzoic acid, 2-pentafluoropropionyloxy-, trimethylsilyl ester

**Inchi:** InChI=1S/C13H13F5O4Si/c1-23(2,3)22-10(19)8-6-4-5-7-9(8)21-11(20)12(14,15)13(16,17

**InchiKey:** XDWBJRDBGXUWRM-UHFFFAOYSA-N

**Formula:** C13H13F5O4Si

**SMILES:** C[Si](C)(C)OC(=O)c1ccccc1OC(=O)C(F)(F)C(F)(F)F

**Mol. weight [g/mol]:** 356.32

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.31 | | Crippen Method |
| logp | 3.781 | | Crippen Method |
| rinpol | 1351.00 | | NIST Webbook |
| rinpol | 1351.00 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U375212&Units=SI

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices