# 3,7-Dimethyloct-6-enyl trimethylsilyl phthalate

**Other names:** 1,2-Benzenedicarboxylic acid, 3,7-dimethyloct-6-enyl trimethylsilyl ester
**Inchi:** InChI=1S/C21H32O4Si/c1-16(2)10-9-11-17(3)14-15-24-20(22)18-12-7-8-13-19(18)21(23
**InchiKey:** APLPSWLOURPXJI-UHFFFAOYSA-N
**Formula:** C21H32O4Si
**SMILES:** CC(C)=CCCC(C)CCOC(=O)c1ccccc1C(=O)O[Si](C)(C)C
**Mol. weight [g/mol]:** 376.56

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.22 | | Crippen Method |
| logp | 5.608 | | Crippen Method |
| rinpol | 2353.00 | | NIST Webbook |
| rinpol | 2353.00 | | 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=U373646&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**rinpol:** Non-polar retention indices