# 2,4-Hexadienoic acid, tert-butyldimethylsilyl ester, (E,E)-

**Other names:** (tert-Butyldimethyl-silyl) (2E,4E)-hexa-2,4-dienoate

**Inchi:** InChI=1S/C12H22O2Si/c1-7-8-9-10-11(13)14-15(5,6)12(2,3)4/h7-10H,1-6H3/b8-7+,10-9-

**InchiKey:** RMMQSJCVPYRGHF-XBLVEGMJSA-N

**Formula:** C12H22O2Si

**SMILES:** CC=CC=CC(=O)O[Si](C)(C)C(C)(C)C

**Mol. weight [g/mol]:** 226.39

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.47 | | Crippen Method |
| logp | 3.667 | | Crippen Method |
| rinpol | 1405.00 | | NIST Webbook |
| rinpol | 1405.00 | | 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=U373157&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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