

# (E)-2-Pentenoic acid, 2-[1-(E)propenyl], trimethylsilyl ester

**Inchi:** InChI=1S/C11H20O2Si/c1-6-8-10(9-7-2)11(12)13-14(3,4)5/h6,8-9H,7H2,1-5H3/b8-6+,10-  
**InchiKey:** WSWIJWPSLNCJQU-QGHYKFKQSA-N  
**Formula:** C11H20O2Si  
**SMILES:** CC=CC(=CCC)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 212.36

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.05   |      | Crippen Method |
| logp          | 3.277   |      | Crippen Method |
| rinpol        | 1263.00 |      | NIST Webbook   |
| rinpol        | 1263.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R167916&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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