

# 3-Pentenoic acid, 2-propyl, trimethylsilyl ester

**Inchi:** InChI=1S/C11H22O2Si/c1-6-8-10(7-2)9-11(12)13-14(3,4)5/h7H,6,8-9H2,1-5H3/b10-7+  
**InchiKey:** RUXZWOCFYVVCMB-JXMROGBWSA-N  
**Formula:** C11H22O2Si  
**SMILES:** CC=C(CCC)CC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 214.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.19		Crippen Method
logp	3.501		Crippen Method
rinsol	1146.00		NIST Webbook
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## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R167867&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  
**rinsol:** Non-polar retention indices

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