

# 2-Propylpentanoic acid, 2,3,4,6-tetra(trimethylsilyl)-1-glucopyranoside

**Other names:** Valproic acid, glucuronide, TMS  
**Inchi:** InChI=1S/C26H58O7Si4/c1-15-17-20(18-16-2)25(27)30-26-24(33-37(12,13)14)23(32-36)  
**InchiKey:** OVXMRISJDUWFKB-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>58</sub>O<sub>7</sub>Si<sub>4</sub>  
**SMILES:** CCCC(CCC)C(=O)OC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 595.08

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.08		Crippen Method
logp	6.983		Crippen Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U99947&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307i>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient

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