

# Prostaglandin D(2), O,O'-bis(trimethylsilyl)-, trimethylsilyl ester

**Inchi:** InChI=1S/C29H56O5Si3/c1-11-12-15-18-24(32-35(2,3)4)21-22-25-26(28(23-27(25)30)33)  
**InchiKey:** XATDHEXRHMVFAW-LBWJEKIOSA-N  
**Formula:** C<sub>29</sub>H<sub>56</sub>O<sub>5</sub>Si<sub>3</sub>  
**SMILES:** CCCCCC(C=CC1C(=O)CC(O[Si](C)(C)C)C1CC=CCCCC(=O)O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 569.01

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.77		Crippen Method
logp	8.263		Crippen Method
rinsol	2795.70		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=U334029&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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