

# 13,14-Dihydro-PGE1, EO-TMS, isomer # 1

**Inchi:** InChI=1S/C31H65NO5Si3/c1-12-14-17-20-26(35-38(3,4)5)23-24-28-27(21-18-15-16-19-20)/1-3,1-3,1-3  
**InchiKey:** NPHKQVKQKUWDAJ-KGVZJERPSA-N  
**Formula:** C31H65NO5Si3  
**SMILES:** CCCCCC(CCC1C(O[Si](C)(C)C)CC(=NOCC)C1CCCCCCC(=O)O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 616.11

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.87		Crippen Method
logp	9.534		Crippen Method
rinpol	2776.00		NIST Webbook
rinpol	2776.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R580933&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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  
**rinpol:** Non-polar retention indices

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