

# PGE1 TMS

**Inchi:** InChI=1S/C28H56O5Si3/c1-11-12-14-17-23(31-34(2,3)4)20-21-25-24(26(29)22-27(25)32)  
**InchiKey:** VBQDMCGKBZZHBY-NQXQFYOESA-N  
**Formula:** C28H56O5Si3  
**SMILES:** CCCCCC(C=CC1C(O[Si](C)(C)C)CC(=O)C1CCCCC(=O)O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 557.00

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.50		Crippen Method
logp	8.097		Crippen Method
rinpol	2659.00		NIST Webbook

## 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=R16876&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  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/14-677-5/PGE1-TMS.pdf>

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