

# PGF2 TMS

**Inchi:** InChI=1S/C29H56O5Si3/c1-11-12-15-18-24(30)21-22-26-25(19-16-13-14-17-20-29(31)32-28)/q1-3-3-3-3/h1-29H,30-32H3  
**InchiKey:** JHOIKLPEMYVKBD-SUSXLNFSA-N  
**Formula:** C29H56O5Si3  
**SMILES:** CCCCCC(=O)C=CC1C(O[Si](C)(C)C)CC(O[Si](C)(C)C)C1CC=CCCCC(=O)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
rinpol	2693.00		NIST Webbook
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## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R16901&Units=SI>

## Legend

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

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