

# 6,15-Diketo-PGF1A, MO-TMS

**Inchi:** InChI=1S/C32H64N2O5Si3/c1-13-14-15-18-27(33-36-2)21-22-29-26(25-40(4,5)6)23-31(3)  
**InchiKey:** SNUWFDLNIIRKFD-HTXCKNOQSA-N  
**Formula:** C32H64N2O5Si3  
**SMILES:** CCCCCC(C=CC1C(C[Si](C)(C)C)CC(O[Si](C)(C)C)C1CC(CCCCC(=O)O[Si](C)(C)C)=NO  
**Mol. weight [g/mol]:** 641.12

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	9.267		Crippen Method
rinpol	2836.00		NIST Webbook
rinpol	2836.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R581476&Units=SI>  
**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)

## Legend

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

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