

# 6-Keto-PGF1A, BO-TMS, isomer # 1

**Inchi:** InChI=1S/C37H77NO5Si4/c1-15-17-19-23-33(41-45(6,7)8)25-26-34-31(30-44(3,4)5)28-3  
**InchiKey:** MHPMXOMGJCDOJX-JGNWWJDASA-N  
**Formula:** C37H77NO5Si4  
**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]:** 728.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.46		Crippen Method
logp	11.655		Crippen Method
rinpol	2988.00		NIST Webbook
rinpol	2988.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R581481&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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