

# 19-Hydroxy PGF1 TMS

<b>Inchi:</b>	InChI=1S/C35H74O6Si5/c1-29(37-42(2,3)4)22-21-23-30(38-43(5,6)7)26-27-32-31(24-19
<b>InchiKey:</b>	XKRJXXGENFAMCE-OFDMANLSSA-N
<b>Formula:</b>	C35H74O6Si5
<b>SMILES:</b>	CC(CCCC(C=CC1C(O[Si](C)(C)C)CC(O[Si](C)(C)C)C1CC=CCCCC(=O)O[Si](C)(C)C)O
<b>Mol. weight [g/mol]:</b>	731.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.49		Crippen Method
logp	10.744		Crippen Method
rinal	2929.00		NIST Webbook
rinal	2929.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R16808&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R16808&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinal:</b>	Non-polar retention indices

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