

13,14-Dihydro-PGE2, EO-TMS, isomer # 1

Inchi: InChI=1S/C31H63NO5Si3/c1-12-14-17-20-26(35-38(3,4)5)23-24-28-27(21-18-15-16-19-20)/1-2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31
InchiKey: SMFTVWAVVFPZFX-UAZBFYGISA-N
Formula: C31H63NO5Si3
SMILES: CCCCCC(CCC1C(O[Si](C)(C)C)CC(=NOCC)C1CC=CCCC(=O)O[Si](C)(C)C)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 614.09

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.72		Crippen Method
logp	9.310		Crippen Method
rinpol	2752.00		NIST Webbook
rinpol	2752.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R580993&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/120-666-9/13-14-Dihydro-PGE2-EO-TMS-isomer-1.pdf>

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