PGD1, MO-TMS, isomer # 1

Inchi: InChI=1S/C30H61NO5Si3/c1-12-13-16-19-25(34-37(3,4)5)22-23-26-27(29(35-38(6,7)8)2
InchiKey: HEQOKIBNBHDCGP-CGXNDPOCSA-N
Formula: C30H61NO5Si3
SMILES: CCCCCC(C=CC1C(=NOC)CC(O[Si](C)(C)C)C1CCCCCCC(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 600.07

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.30		Crippen Method
logp	8.920		Crippen Method
rinpol	2717.00		NIST Webbook
rinpol	2717.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R581758&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: 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