PGF 1A, TMS

Inchi: InChI=1S/C32H68O5Si4/c1-14-15-18-21-27(34-38(2,3)4)24-25-29-28(22-19-16-17-20-23
InchiKey: FKCQXUAYSAIKMH-RYPWDAMISA-N
Formula: C32H68O5Si4
SMILES: CCCCCC(C=CC1C(O[Si](C)(C)C)CC(O[Si](C)(C)C)C1CCCCCCC(=O)O[Si](C)(C)C)O[Si
Mol. weight [g/mol]: 645.22

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.15		Crippen Method
logp	10.138		Crippen Method
rinpol	2739.00		NIST Webbook
rinpol	2739.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R581956&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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