PGF 2B, TMS

Inchi:	InChI=1S/C32H66O5Si4/c1-14-15-18-21-27(34-38(2,3)4)24-25-29-28(22-19-16-17-20-23
InchiKey:	ZWRMXRMPDPQJCB-DQHRWDIFSA-N
Formula:	C32H66O5Si4
SMILES:	CCCCCC(C=CC1C(O[Si](C)(C)C)CC(O[Si](C)(C)C)C1CC=CCCCC(=O)O[Si](C)(C)C)O[S
Mol. weight [g/mol]:	643.21

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.00		Crippen Method
logp	9.914		Crippen Method
rinpol	2650.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R581981&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

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