Triamcinolone tetra-TMS

Inchi: InChI=1S/C33H59FO6Si4/c1-30-18-17-24(35)19-23(30)15-16-25-26-20-28(38-42(6,7)8)3
InchiKey: FRVLLPIGDPNRQT-KXUYYGGISA-N
Formula: C33H59FO6Si4
SMILES: CC12C=CC(=O)C=C1CCC1C3CC(O[Si](C)(C)C)C(O[Si](C)(C)C)(C(=O)CO[Si](C)(C)C)C
Mol. weight [g/mol]: 683.16

Physical Properties

Property code	Value	Unit	Source
log10ws	0.63		Crippen Method
logp	8.057		Crippen Method
rinpol	3383.00		NIST Webbook
rinpol	3383.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R285173&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