Silica-1,3,5,7-tetramethyl-2,4,6,8-tetraethylporphy complex, bis-OTMS

Inchi: InChI=1S/C38H56N4O2Si3/c1-15-27-23(5)31-19-37-30(18-4)26(8)36-22-34-28(16-2)24(6

InchiKey: GCAUHGISELXLCQ-BAZKKDSNSA-N

Formula: C38H56N4O2Si3

SMILES: CCc1c2[nH]c(c1C)C=c1c(CC)c(C)c3n1[Si](O[Si](C)(C)C)(O[Si](C)(C)C)n1c(c(C)c(CC)c1=

Mol. weight [g/mol]: 685.13

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.60		Crippen Method
logp	4.942		Crippen Method
rinpol	3330.00		NIST Webbook
rinpol	3330.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R388173&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