Silica-1,3,5,7-tetramethyl-2,4,6,8-tetraethylporphyrine complex, F-OTMS

Inchi: InChI=1S/C35H47FN4OSi2/c1-12-24-20(5)28-16-34-27(15-4)23(8)33-19-31-25(13-2)21(

InchiKey: DKTHOIGFENQEHE-SKRLKAFPSA-N

Formula: C35H47FN4OSi2

SMILES: CCc1c2[nH]c(c1C)C=c1c(CC)c(C)c3n1[Si](F)(O[Si](C)(C)C)n1c(c(C)c(CC)c1=Cc1[nH]c(c

Mol. weight [g/mol]: 614.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.06		Crippen Method
logp	4.060		Crippen Method
rinpol	4300.00		NIST Webbook
rinpol	4300.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R388188&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