

Silica-1,3,5,7-tetramethyl-2,4,6,8-tetraethylporphyrine 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/ci9903071>
Crippen Method: https://www.cheméo.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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