

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

Inchi: Cc1c2[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(c1C)C
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(c1C)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/ci990307I>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/78-048-3/Silica-1-3-5-7-tetramethyl-2-4-6-8-tetraethylporphyrine-complex-F-OTMS.pdf>

Generated by Cheméo on 2024-04-26 07:20:28.442787529 +0000 UTC m=+16405277.363364841.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.