

Silica-octaethylporphyrine complex, bis-OTMS

Inchi: InChI=1S/C42H64N4O2Si3/c1-15-27-28(16-2)36-24-40-33(21-7)34(22-8)42-26-38-30(18)
InchiKey: GTFXBVPQNPDIWY-UXTXEYFZSA-N
Formula: C42H64N4O2Si3
SMILES: CCc1c2[nH]c(c1CC)C=c1c(CC)c(CC)c3n1[Si](O[Si](C)(C)C)(O[Si](C)(C)C)n1c(c(CC)c(C

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.91		Crippen Method
logp	5.958		Crippen Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R388217&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

Latest version available from:

<https://www.chemeo.com/cid/71-062-4/Silica-octaethylporphyrine-complex-bis-OTMS.pdf>

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