1-phenyl,3,7,10-trimethylsilatrane, d

Inchi: InChI=1S/C15H23NO3Si/c1-12-9-16-10-13(2)18-20(17-12,19-14(3)11-16)15-7-5-4-6-8-15

InchiKey: RJQQQNQWKNMYNG-UHFFFAOYSA-N

Formula: C15H23NO3Si

SMILES: CC1CN2CC(C)O[Si](c3ccccc3)(O1)OC(C)C2

Mol. weight [g/mol]: 293.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.36		Crippen Method
logp	1.377		Crippen Method
rinpol	1991.00		NIST Webbook
rinpol	1991.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R145916&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices