

1-phenyl,3,10-dimethylsilatrane, a

Inchi: InChI=1S/C14H21NO3Si/c1-12-10-15-8-9-16-19(17-12,18-13(2)11-15)14-6-4-3-5-7-14/h
InchiKey: HOBATWHQQHWNC-D-UHFFFAOYSA-N
Formula: C14H21NO3Si
SMILES: CC1CN2CCO[Si](c3ccccc3)(O1)OC(C)C2
Mol. weight [g/mol]: 279.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.82		Crippen Method
logp	0.989		Crippen Method
rinpol	2038.00		NIST Webbook
rinpol	2038.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R145892&Units=SI>

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/120-412-0/1-phenyl-3-10-dimethylsilatrane-a.pdf>

Generated by Cheméo on 2024-05-01 21:12:28.409862348 +0000 UTC m=+16887197.330439663.

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