

1-vinyl, 4,4,7,10-tetramethylsilatrane, c

Inchi: InChI=1S/C12H23NO3Si/c1-6-17-14-9-12(4,5)13(7-10(2)15-17)8-11(3)16-17/h6,10-11H,
InchiKey: LHBFPZQOKPKWES-UHFFFAOYSA-N
Formula: C12H23NO3Si
SMILES: C=C[Si]12OCC(C)(C)N(CC(C)O1)CC(C)O2
Mol. weight [g/mol]: 257.40

Physical Properties

Property code	Value	Unit	Source
log10ws	0.04		Crippen Method
logp	1.585		Crippen Method
rinpol	1651.00		NIST Webbook
rinpol	1651.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R145996&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/117-930-9/1-vinyl-4-4-7-10-tetramethylsilatrane-c.pdf>

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