

1,4,4,7,10-Pentamethylsilatrane, a

Inchi:	InChI=1S/C11H23NO3Si/c1-9-6-12-7-10(2)15-16(5,14-9)13-8-11(12,3)4/h9-10H,6-8H2,1
InchiKey:	GNYAIEAULWGMCE-UHFFFAOYSA-N
Formula:	C11H23NO3Si
SMILES:	CC1CN2CC(C)O[Si](C)(OCC2(C)C)O1
Mol. weight [g/mol]:	245.39

Physical Properties

Property code	Value	Unit	Source
log10ws	0.40		Crippen Method
logp	1.490		Crippen Method
rinpol	1514.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R145461&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/118-363-8/1-4-4-7-10-Pentamethylsilatrane-a.pdf>

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