

1,1,3,3-Tetramethyl-1,3-dioctyldisiloxane

Inchi:	InChI=1S/C20H46OSi2/c1-7-9-11-13-15-17-19-22(3,4)21-23(5,6)20-18-16-14-12-10-8-2/
InchiKey:	VZSZUXBTVQNMOY-UHFFFAOYSA-N
Formula:	C20H46OSi2
SMILES:	CCCCCCCC[Si](C)(C)O[Si](C)(C)CCCCCCCC
Mol. weight [g/mol]:	358.75
CAS:	18642-94-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.38		Crippen Method
logp	8.134		Crippen Method
rinpol	1941.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18642949&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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