

Ribonic acid, 2-C-methyl-2,3,4,5-tetrakis-O-(trimethylsilyl)-, trimethylsilyl ester

Inchi:	InChI=1S/C21H52O6Si5/c1-21(27-32(14,15)16,20(22)26-31(11,12)13)19(25-30(8,9)10)1
InchiKey:	SOYWKUNHUVGLPR-UHFFFAOYSA-N
Formula:	C21H52O6Si5
SMILES:	CC(O[Si](C)(C)C)(C(=O)O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	541.06
CAS:	38166-01-7

Physical Properties

Property code	Value	Unit	Source
log10ws	5.59		Crippen Method
logp	6.266		Crippen Method
rinpol	1880.00		NIST Webbook
rinpol	1880.00		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=C38166017&Units=SI

Legend

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

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<https://www.chemeo.com/cid/21-563-3/Ribonic-acid-2-C-methyl-2-3-4-5-tetrakis-O-trimethylsilyl-trimethylsilyl-ester.p>

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