

Ribonic acid, 2-desoxy-tetrakis-O-(trimethylsilyl)-

Other names:	2-Deoxyribonic acid, tetra-TMS 2-Deoxyribonic acid, tetrakis-TMS
Inchi:	InChI=1S/C17H42O5Si4/c1-23(2,3)19-14-16(21-25(7,8)9)15(20-24(4,5)6)13-17(18)22-26
InchiKey:	YBBDPOS MYVZLKS-JKSUJKDBSA-N
Formula:	C17H42O5Si4
SMILES:	<chem>C[Si](C)(C)OCC(O[Si](C)(C)C)C(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	438.85

Physical Properties

Property code	Value	Unit	Source
log10ws	4.51		Crippen Method
logp	5.046		Crippen Method
rinpol	1682.00		NIST Webbook
rinpol	1682.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U149616&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/23-946-6/Ribonic-acid-2-desoxy-tetrakis-O-trimethylsilyl.pdf>

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