N6-TMS-Adenosine, 2',3',5'-tris-O-TBDMS

Inchi: InChI=1S/C31H63N5O4Si4/c1-29(2,3)42(13,14)37-19-22-24(39-43(15,16)30(4,5)6)25(40
InchiKey: JKMJRBMMPQPQQJ-PMSVCUPHSA-N
Formula: C31H63N5O4Si4
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N[Si](C)(C)C)ncnc32)C(O[Si](C)(C)C(C)(C)C)C1O
Mol. weight [g/mol]: 682.21

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	8.773		Crippen Method
rinpol	3274.00		NIST Webbook
rinpol	3274.00		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=R246970&Units=SI

Legend

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