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

Other names: Adenosine, 2',3',5'-tris(O-TMSi)
Inchi: InChI=1S/C19H37N5O4Si3/c1-29(2,3)25-10-13-15(27-30(4,5)6)16(28-31(7,8)9)19(26-13
InchiKey: XKWSHWBHAXXJOJ-XAUNWSGPSA-N
Formula: C19H37N5O4Si3
SMILES: C[Si](C)(C)OCC1OC(n2cnc3c(N)ncnc32)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 483.78

Physical Properties

Property code	Value	Unit	Source
log10ws	1.32		Crippen Method
logp	3.598		Crippen Method
rinpol	2573.00		NIST Webbook
rinpol	2573.00		NIST Webbook
rinpol	2573.00		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=R144433&Units=SI

Legend

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