# N6-TMS-2'-Deoxyadenosine, 3'-O-TMS, 5'-O-TBDMS

**Inchi:** InChI=1S/C22H43N5O3Si3/c1-22(2,3)33(10,11)28-13-17-16(30-32(7,8)9)12-18(29-17)27

**InchiKey:** GMTXFIUBWUTVAS-UKKPGEIXSA-N

**Formula:** C22H43N5O3Si3

**SMILES:** CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N[Si](C)(C)C)ncnc32)CC1O[Si](C)(C)C

**Mol. weight [g/mol]:** 509.87

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -0.70 | | Crippen Method |
| logp | 5.602 | | Crippen Method |
| rinpol | 2832.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R246965&Units=SI

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices