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

**Inchi:** InChI=1S/C21H37N5O4Si2/c1-14(27)29-15-10-17(30-16(15)11-28-32(8,9)21(2,3)4)26-13

**InchiKey:** KWYHXSHFWPIORZ-YJEKIOLLSA-N

**Formula:** C21H37N5O4Si2

**SMILES:** CC(=O)OC1CC(n2cnc3c(N[Si](C)(C)C)ncnc32)OC1CO[Si](C)(C)C(C)(C)C

**Mol. weight [g/mol]:** 479.72

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.00 | | Crippen Method |
| logp | 4.314 | | Crippen Method |
| rinpol | 3058.00 | | 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=R246945&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices