

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

**Inchi:** InChI=1S/C18H29N5O4Si/c1-11(24)25-8-13-12(27-28(5,6)18(2,3)4)7-14(26-13)23-10-22  
**InchiKey:** KCIURUOHOWALCS-ILMHWDKJSA-N  
**Formula:** C18H29N5O4Si  
**SMILES:** CC(=O)OCC1OC(n2cnc3c(N)ncnc32)CC1O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 407.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.74		Crippen Method
logp	2.650		Crippen Method
rinpol	2798.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R246732&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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