

# N6-(cyclotetramethylene-tertbutylsilyl)-2'-Deoxyadenosine-3,5'-bis-O-TBDMS

InChI: C30H57N5O3Si3/c1-28(2,3)39(10,11)36-19-23-22(38-40(12,13)29(4,5)6)18-24  
InChIKey: JDYGBYL RVQYVIH-HEYJASKDSA-N

Formula: C<sub>30</sub>H<sub>57</sub>N<sub>5</sub>O<sub>3</sub>Si<sub>3</sub>

SMILES: CC(C)(C)[Si]1(Nc2ncnc3c2ncn3C2CC(O[Si](C)(C)C(C)(C)C(CO[Si](C)(C)C(C)(C)C)O2

Mol. weight [g/mol]: 620.06

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.94		Crippen Method
logp	8.477		Crippen Method
rinpol	3598.00		NIST Webbook

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R246861&Units=SI>

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/55-150-4/N6-cyclotetramethylene-tertbutylsilyl-2-Deoxyadenosine-3-5-bis-O-TBDMS.p>

Generated by Cheméo on 2025-02-19 08:37:35.354529921 +0000 UTC m=+3162471.201455558.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.