# O,O'-Bis(tert-butyldimethylsilyl) 2-amino-9-(2-hydroxyethoxymethyl)-purin-6-ol ether

**Other names:** O,O'-Bis(tert-butyldimethylsilyl) 9-((2-Hydroxyethoxy)methyl)guanine ether
6-(tert-Butyldimethylsilyloxy)-9-((2-((tert-butyldimethylsilyloxy)ethoxy)methy))-9H-purin-2-a

**Inchi:** InChI=1S/C20H39N5O3Si2/c1-19(2,3)29(7,8)27-12-11-26-14-25-13-22-15-16(25)23-18(2

**InchiKey:** KMASDMZRYBOHLM-UHFFFAOYSA-N

**Formula:** C20H39N5O3Si2

**SMILES:** CC(C)(C)[Si](C)(C)OCCOCn1cnc2c(O[Si](C)(C)C(C)(C)C)nc(N)nc21

**Mol. weight [g/mol]:** 453.73

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.38 | | Crippen Method |
| logp | 4.788 | | Crippen Method |
| rinpol | 2875.00 | | 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=U373345&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices