# 1-Bis(tert-butyldimethylsilyloxy)phosphoryl-N-(te

**Other names:** AMPA, TBDMS
**Inchi:** InChI=1S/C19H48NO3PSi3/c1-17(2,3)25(10,11)20-16-24(21,22-26(12,13)18(4,5)6)23-27
**InchiKey:** OWSKPTSRONKMJH-UHFFFAOYSA-N
**Formula:** C19H48NO3PSi3
**SMILES:** CC(C)(C)[Si](C)(C)NCP(=O)(O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
**Mol. weight [g/mol]:** 453.82
**CAS:** 959111-31-0

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.06 | | Crippen Method |
| logp | 7.775 | | Crippen Method |
| rinpol | 2091.00 | | NIST Webbook |
| rinpol | 2100.00 | | NIST Webbook |
| rinpol | 2100.00 | | 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=C959111310&Units=SI

## Legend

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

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