# B-Pseudouridine riboside, TMS

**Inchi:** InChI=1S/C21H44N2O6Si4/c1-30(2,3)25-14-16-18(27-31(4,5)6)19(28-32(7,8)9)17(26-16
**InchiKey:** ARWDZFACQGOVFD-QBUWPKIASA-N
**Formula:** C21H44N2O6Si4
**SMILES:** C[Si](C)(C)OCC1OC(c2c[nH]c(=O)nc2O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
**Mol. weight [g/mol]:** 532.93

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 4.10 | | Crippen Method |
| logp | 4.233 | | Crippen Method |
| rinpol | 2372.00 | | 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=R94375&Units=SI

## Legend

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