# N-(2-Hydroxy-2-phenyl-ethyl)-4-methyl-benzenesu tert.-butyldimethylsilyl ether

**Inchi:** InChI=1S/C21H31NO3SSi/c1-17-12-14-19(15-13-17)26(23,24)22-16-20(18-10-8-7-9-11-1

**InchiKey:** DHJYCIITYJWEB-UHFFFAOYSA-N

**Formula:** C21H31NO3SSi

**SMILES:** Cc1ccc(S(=O)(=O)NCC(O[Si](C)(C)C(C)(C)C)c2ccccc2)cc1

**Mol. weight [g/mol]:** 405.63

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.96 | | Crippen Method |
| logp | 5.036 | | Crippen Method |
| rinpol | 2761.00 | | NIST Webbook |
| rinpol | 2761.00 | | 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=U374823&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices