# Lys, N-isoBOC TBDMS

**Other names:** Lys isoBOC TBDMS
**Inchi:** InChI=1S/C22H44N2O6Si/c1-16(2)14-28-20(26)23-13-11-10-12-18(24-21(27)29-15-17(3
**InchiKey:** PFVMVGNFUFIKAV-UHFFFAOYSA-N
**Formula:** C22H44N2O6Si
**SMILES:** CC(C)COC(O)=NCCCCC(N=C(O)OCC(C)C)C(=O)O[Si](C)(C)C(C)(C)C
**Mol. weight [g/mol]:** 460.68

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.70 | | Crippen Method |
| logp | 5.247 | | Crippen Method |
| rinpol | 2732.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R68889&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## Legend

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