# 6-Azido-5-tert-butyldimethylsilyloxy-2,3,6-trideoxy

**Inchi:** InChI=1S/C12H23N3O3Si/c1-12(2,3)19(4,5)18-10(8-14-15-13)9-6-7-11(16)17-9/h9-10H,
**InchiKey:** WTAJFMGEZKMVBN-UHFFFAOYSA-N
**Formula:** C12H23N3O3Si
**SMILES:** CC(C)(C)[Si](C)(C)OC(CN=[N+]=[N-])C1CCC(=O)O1
**Mol. weight [g/mol]:** 285.41

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -6.05 | | Crippen Method |
| logp | 3.393 | | Crippen Method |
| rinpol | 1766.00 | | 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=R500373&Units=SI

## Legend

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