# D-Arabinose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

**Inchi:** InChI=1S/C20H51NO5Si5/c1-27(2,3)22-17-19(24-29(7,8)9)20(25-30(10,11)12)18(23-28(

**InchiKey:** NJVTYWBFPZLKGN-UHFFFAOYSA-N

**Formula:** C20H51NO5Si5

**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C

**Mol. weight [g/mol]:** 526.05

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 5.62 | | Crippen Method |
| logp | 6.335 | | Crippen Method |
| rinpol | 1746.70 | | NIST Webbook |
| rinpol | 1746.70 | | 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=U380402&Units=SI

## Legend

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

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices