# D-(+)-Galactose, pentakis(trimethylsilyl) ether, benzyloxime (isomer 1)

**Inchi:** InChI=1S/C28H59NO6Si5/c1-36(2,3)31-23-26(33-38(7,8)9)28(35-40(13,14)15)27(34-39(

**InchiKey:** HTPNKYHYJRZYRL-UHFFFAOYSA-N

**Formula:** C28H59NO6Si5

**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](

**Mol. weight [g/mol]:** 646.20

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 3.48 | | Crippen Method |
| logp | 7.921 | | Crippen Method |
| rinpol | 2416.50 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U380343&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