# D-(-)-Ribose, tetrakis(trimethylsilyl) ether, benzyloxime (isomer 2)

| | |
|---|---|
| **Inchi:** | InChI=1S/C24H49NO5Si4/c1-31(2,3)27-20-23(29-33(7,8)9)24(30-34(10,11)12)22(28-32( |
| **InchiKey:** | ZWYHSLKDSHXBEI-UHFFFAOYSA-N |
| **Formula:** | C24H49NO5Si4 |
| **SMILES:** | C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C |
| **Mol. weight [g/mol]:** | 543.99 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | 2.40 | | Crippen Method |
| logp | 6.701 | | Crippen Method |
| rinpol | 2209.60 | | NIST Webbook |

## Sources

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=U380371&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 |

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