

# O18-2-hydroxy-1,4-benzoxazin-3-one, N,O-bis(trimethylsilyl)

**Inchi:** InChI=1S/C14H23NO3Si2/c1-19(2,3)15-11-9-7-8-10-12(11)17-14(13(15)16)18-20(4,5)6/h  
**InchiKey:** MTJAKPMLZOOTAW-GTFORLLLSA-N  
**Formula:** C14H23NO3Si2  
**SMILES:** C[Si](C)(C)OC1Oc2ccccc2N([Si](C)(C)C)C1=O  
**Mol. weight [g/mol]:** 309.51

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 0.94    |      | Crippen Method |
| logp          | 3.424   |      | Crippen Method |
| rinpol        | 1634.00 |      | NIST Webbook   |
| rinpol        | 1634.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R502948&Units=SI>

## Legend

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

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