

# N-Acetyl-D-glucosamine, tetrakis(trimethylsilyl) ether, benzyloxime (Isomer 2)

InChI: InChI=1S/C27H54N2O6Si4/c1-22(30)29-24(19-28-31-20-23-17-15-14-16-18-23)26(34-38)39-35-33-37-36-40-32-38  
InChIKey: YEUBXDOSNQDXNS-UHFFFAOYSA-N  
Formula: C27H54N2O6Si4  
SMILES: CC(=O)NC(C=NOCc1ccccc1)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C  
Mol. weight [g/mol]: 615.07

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 2.07    |      | Crippen Method |
| logp          | 6.206   |      | Crippen Method |
| rinpol        | 2644.50 |      | NIST Webbook   |
| rinpol        | 2644.50 |      | NIST Webbook   |

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
Crippen Method: [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380348&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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