

# «beta»-Gentiobiose, octakis(trimethylsilyl) ether

**Inchi:** InChI=1S/C36H86O11Si8/c1-48(2,3)38-26-28-30(42-50(7,8)9)31(43-51(10,11)12)33(45-5  
**InchiKey:** SWPQHIFGBMZXPV-UHFFFAOYSA-N  
**Formula:** C36H86O11Si8  
**SMILES:** C[Si](C)(C)OCC1OC(OCC2OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C  
**Mol. weight [g/mol]:** 919.75

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| logp          | 9.476   |      | Crippen Method |
| rinpol        | 2869.70 |      | NIST Webbook   |

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**Cheméo Relay (1.0):**  
**Cheméo Relay (1.0, beta):**  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380092&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/40-555-1/beta-Gentiobiose-octakis-trimethylsilyl-ether.pdf>

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