

# «alpha»-D(-)-Tagatose, pyranose, TMS

**Inchi:** InChI=1S/C18H44O5Si4/c1-24(2,3)20-14-15-17(22-26(7,8)9)18(23-27(10,11)12)16(13-19)  
**InchiKey:** BKZSHWBURJUIK-XLAORIBOSA-N  
**Formula:** C18H44O5Si4  
**SMILES:** C[Si](C)(C)OCC1OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 452.88

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| logp          | 4.897   |      | Crippen Method |
| rinpol        | 1864.00 |      | NIST Webbook   |
| rinpol        | 1864.00 |      | NIST Webbook   |

## Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R440756&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

Cheméo Relay (1.0):

## Legend

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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