

# Arabinonic acid, «gamma»-lactone, tris-TMS

**Inchi:** InChI=1S/C14H32O5Si3/c1-20(2,3)16-10-11-12(18-21(4,5)6)13(14(15)17-11)19-22(7,8)9  
**InchiKey:** RJMKTJPGOITYTQZ-UPJWGTAASA-N  
**Formula:** C14H32O5Si3  
**SMILES:** C[Si](C)(C)OCC1OC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 364.66

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 3.81    |      | Crippen Method |
| logp          | 3.204   |      | Crippen Method |
| rinpol        | 1849.00 |      | 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=R570164&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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