

# (24Z)-Trihydroxy-24-coprostenic acid, Me-TMS

**Inchi:** InChI=1S/C38H72O5Si3/c1-26(2)17-16-18-27(3)29-19-20-30-34-31(23-33(37(29,30)5)43  
**InchiKey:** ZUIBNORDRCDWLW-MJVKZDRDSA-N  
**Formula:** C38H72O5Si3  
**SMILES:** COC(=O)C12CC(O[Si](C)(C)C)CCC1(C)C1CC(O[Si](C)(C)C)C3(C)C(C(C)CC=CC(C)C)C  
**Mol. weight [g/mol]:** 693.23

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.60   |      | Crippen Method |
| logp          | 10.307  |      | Crippen Method |
| rinpol        | 3520.00 |      | NIST Webbook   |
| rinpol        | 3520.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R584900&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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