# 3,4-Dihydroxymandelic acid, TBDMS

**Inchi:** InChI=1S/C32H64O5Si4/c1-29(2,3)38(13,14)34-25-22-21-24(23-26(25)35-39(15,16)30(4

**InchiKey:** FOPCRYWFVXJPNH-UHFFFAOYSA-N

**Formula:** C32H64O5Si4

**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)C(O[Si](C)(C)C(C)(C)C)c1ccc(O[Si](C)(C)C(C)(C)C)c(O[Si](C)

**Mol. weight [g/mol]:** 641.19

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.34 | | Crippen Method |
| logp | 11.066 | | Crippen Method |
| rinpol | 2772.00 | | NIST Webbook |
| rinpol | 2772.00 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R563329&Units=SI

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

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices