

# 24R,25-Dihydroxycholecalciferol, methylboronate, 3-TBDMS, # 1

**Inchi:** InChI=1S/C34H59BO3Si/c1-24-14-18-28(37-39(10,11)32(3,4)5)23-27(24)17-16-26-13-12  
**InchiKey:** WHTZOZCCVNIKJO-RKTWTOSESA-N  
**Formula:** C34H59BO3Si  
**SMILES:** C=C1CCC(O[Si](C)(C)C(C)(C)C)CC1=CC=C1CCCC2(C)C1CCC2C(C)CCC1OB(C)OC1  
**Mol. weight [g/mol]:** 554.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.54		Crippen Method
logp	9.914		Crippen Method
rinpol	3378.00		NIST Webbook
rinpol	3378.00		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=R529250&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/116-622-2/24R-25-Dihydroxycholecalciferol-methylboronate-3-TBDMS-1.pdf>

Generated by Cheméo on 2024-05-01 01:27:41.583811312 +0000 UTC m=+16816110.504388624.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.