

# «delta»1-tetrahydrocannabinolic acid, TMS

**Inchi:** InChI=1S/C28H46O4Si2/c1-11-12-13-14-20-18-23-25(21-17-19(2)15-16-22(21)28(3,4)30  
**InchiKey:** OKVKHUNEGVDZCG-UHFFFAOYSA-N  
**Formula:** C28H46O4Si2  
**SMILES:** CCCCCc1cc2c(c(O[Si](C)(C)C)c1C(=O)O[Si](C)(C)C)C1C=C(C)CCC1C(C)(C)O2  
**Mol. weight [g/mol]:** 502.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	8.236		Crippen Method
rinpol	2652.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R487517&Units=SI>  
**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)

## Legend

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

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