

# Heptyl-1-tetrahydrocannabinol, TMS

**Inchi:** InChI=1S/C26H42O2Si/c1-8-9-10-11-12-13-20-17-23-25(24(18-20)28-29(5,6)7)21-16-19  
**InchiKey:** RYACAFZDAPGWEB-FOIFJWKZSA-N  
**Formula:** C26H42O2Si  
**SMILES:** CCCCCCc1cc2c(c(O[Si](C)(C)C)c1)C1C=C(C)CCC1C(C)(C)O2  
**Mol. weight [g/mol]:** 414.70

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -6.70   |      | Crippen Method |
| logp          | 8.024   |      | Crippen Method |
| rinpol        | 2545.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R526439&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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