# cis-1,2-Tetralinediol, DTBS

| | |
|---|---|
| **Inchi:** | InChI=1S/C18H28O2Si/c1-17(2,3)21(18(4,5)6)19-15-12-11-13-9-7-8-10-14(13)16(15)20- |
| **InchiKey:** | CTDKTYXLFUBFNE-CVEARBPZSA-N |
| **Formula:** | C18H28O2Si |
| **SMILES:** | CC(C)(C)[Si]1(C(C)(C)C)OC2CCc3ccccc3C2O1 |
| **Mol. weight [g/mol]:** | 304.50 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.59 | | Crippen Method |
| logp | 5.132 | | Crippen Method |
| rinpol | 1890.00 | | NIST Webbook |

## Sources

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R115356&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | https://www.chemeo.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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