

# trans-Anthracene, 1,2-dihydro-1,2-diol, bis-TMS

**Inchi:** InChI=1S/C20H28O2Si2/c1-23(2,3)21-19-12-11-17-13-15-9-7-8-10-16(15)14-18(17)20(18)  
**InchiKey:** COOSKPVQINFOQY-PMACEKPBSA-N  
**Formula:** C20H28O2Si2  
**SMILES:** C[Si](C)(C)OC1C=Cc2cc3ccccc3cc2C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 356.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.16		Crippen Method
logp	5.979		Crippen Method
rinpol	2215.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R109752&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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