

# Anthracene, 1,2,3,4,5,6,7,8-octahydro-cis-1,2-diol, DTBS

**Inchi:** InChI=1S/C22H34O2Si/c1-21(2,3)25(22(4,5)6)23-19-12-11-17-13-15-9-7-8-10-16(15)14-  
**InchiKey:** HRAYGHPOCVKHDZ-UXHICEINSA-N  
**Formula:** C22H34O2Si  
**SMILES:** CC(C)(C)[Si]1(C(C)(C)C)OC2CCc3cc4c(cc3C2O1)CCCC4  
**Mol. weight [g/mol]:** 358.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.09		Crippen Method
logp	6.011		Crippen Method
rinsol	2380.00		NIST Webbook
rinsol	2380.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R115292&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  
**rinsol:** Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/58-973-8/Anthracene-1-2-3-4-5-6-7-8-octahydro-cis-1-2-diol-DTBS.pdf>

Generated by Cheméo on 2024-04-23 15:44:47.106815693 +0000 UTC m=+16176336.027393013.

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