

# cis-Phenanthrene, 9,10-dihydro-9-methyl-9,10-diol, 3,4-dimethoxy-bis-TMS

InChI: InChI=1S/C23H34O4Si2/C1-23(27-29(7,8)9)18-13-11-10-12-16(18)20-17(22(23)26-28(4,5)3)21-22  
InChIKey: HCRGQTKQLKYQEI-PKTZIBPZSA-N

Formula: C<sub>23</sub>H<sub>34</sub>O<sub>4</sub>Si<sub>2</sub>  
SMILES: COc1ccc2c(c1OC)-c1cccc1C(C)(O[Si](C)(C)C)C2O[Si](C)(C)C  
Mol. weight [g/mol]: 430.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.81		Crippen Method
logp	6.344		Crippen Method
rinpol	2440.00		NIST Webbook
rinpol	2440.00		NIST Webbook

## Sources

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=R109470&Units=SI>  
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/36-819-3/cis-Phenanthrene-9-10-dihydro-9-methyl-9-10-diol-3-4-dimethoxy-bis-TMS.pdf>

Generated by Cheméo on 2024-04-23 17:36:28.928359697 +0000 UTC m=+16183037.848937008.

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