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
InchiKey: HCRQQTKQLKYQEI-PKTZIBPZSA-N
Formula: C23H34O4Si2
SMILES: COc1ccc2c(c1OC)-c1ccccc1C(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
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