

trans-Phenanthrene, 9,10-dihydro-9,10-diol, bis-TMS

Inchi:	InChI=1S/C20H28O2Si2/c1-23(2,3)21-19-17-13-9-7-11-15(17)16-12-8-10-14-18(16)20(18)2
InchiKey:	FWRIENWHSRMHD-WOJBJXKFSA-N
Formula:	C20H28O2Si2
SMILES:	C[Si](C)(C)OC1c2ccccc2-c2ccccc2C1O[Si](C)(C)C
Mol. weight [g/mol]:	356.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.44		Crippen Method
logp	6.152		Crippen Method
rinpol	2020.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R109856&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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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<https://www.chemeo.com/cid/68-276-1/trans-Phenanthrene-9-10-dihydro-9-10-diol-bis-TMS.pdf>

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