

# trans-Anthracene, 1,2,3,4-tetrahydro-1,2-diol, bis-TMS

Inchi:	InChI=1S/C20H30O2Si2/c1-23(2,3)21-19-12-11-17-13-15-9-7-8-10-16(15)14-18(17)20(1
InchiKey:	YXWPQPDKESNRHD-PMACEKPBSA-N
Formula:	C20H30O2Si2
SMILES:	C[Si](C)(C)OC1CCc2cc3ccccc3cc2C1O[Si](C)(C)C
Mol. weight [g/mol]:	358.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.13		Crippen Method
logp	5.899		Crippen Method
rinpol	2140.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R109707&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R109707&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## 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/33-103-0/trans-Anthracene-1-2-3-4-tetrahydro-1-2-diol-bis-TMS.pdf>

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