

2,3-Dihydroxynaphthalene, bis(tert-butyldimethylsilyl) ether

Other names:	2,3-Naphthalenediol, 2tdms derivative
Inchi:	InChI=1S/C22H36O2Si2/c1-21(2,3)25(7,8)23-19-15-17-13-11-12-14-18(17)16-20(19)24-2
InchiKey:	TVDCIHNEVRLFAH-UHFFFAOYSA-N
Formula:	C22H36O2Si2
SMILES:	CC(C)(C)[Si](C)(C)Oc1cc2ccccc2cc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	388.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	7.608		Crippen Method
rinpol	2304.10		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352824&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

Latest version available from:

<https://www.chemeo.com/cid/12-385-1/2-3-Dihydroxynaphthalene-bis-tert-butyldimethylsilyl-ether.pdf>

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