

# tert-Butylhydroquinone, bis(tert-butyldimethylsilyl) ether

Other names:	Tert-butylhydroquinone, 2tbdms derivative
Inchi:	InChI=1S/C22H42O2Si2/c1-20(2,3)18-16-17(23-25(10,11)21(4,5)6)14-15-19(18)24-26(12)
InchiKey:	KRLKBNMGIGAIGN-UHFFFAOYSA-N
Formula:	C22H42O2Si2
SMILES:	CC(C)(C)c1cc(O[Si](C)(C)C(C)(C)C)ccc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	394.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	7.752		Crippen Method
rinpol	2068.60		NIST Webbook
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## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352802&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352802&amp;Units=SI</a>

## Legend

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

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