

Methylhydroquinone, bis(tert-butyldimethylsilyl) ether

Other names:	Methylhydroquinone, 2tbdms derivative
Inchi:	InChI=1S/C19H36O2Si2/c1-15-14-16(20-22(8,9)18(2,3)4)12-13-17(15)21-23(10,11)19(5,
InchiKey:	OLGSMRYLKDXJMV-UHFFFAOYSA-N
Formula:	C19H36O2Si2
SMILES:	Cc1cc(O[Si](C)(C)C(C)(C)C)ccc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	352.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	6.763		Crippen Method
rinpol	1932.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352794&Units=SI

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/43-583-7/Methylhydroquinone-bis-tert-butyldimethylsilyl-ether.pdf>

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