

4-tert-Butylcatechol, bis(tert-butyldimethylsilyl) ether

Other names:	4-Tert-butylcatechol, 2tbdms derivative
Inchi:	InChI=1S/C22H42O2Si2/c1-20(2,3)17-14-15-18(23-25(10,11)21(4,5)6)19(16-17)24-26(12,13)27-28
InchiKey:	XFAJEKRYVFCVMC-UHFFFAOYSA-N
Formula:	C22H42O2Si2
SMILES:	CC(C)(C)c1ccc(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]:	394.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	7.752		Crippen Method
rinpol	1983.10		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352798&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

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