

4-Methylcatechol, bis(tert-butyl dimethylsilyl) ether

Other names:	[(4-Methyl-1,2-phenylene)bis(oxy)]bis[tert-butyl(dimethyl)silane] 4-Methylcatechol, 2tdms derivative
Inchi:	InChI=1S/C19H36O2Si2/c1-15-12-13-16(20-22(8,9)18(2,3)4)17(14-15)21-23(10,11)19(5,
InchiKey:	VAJSVKQGBZSJCV-UHFFFAOYSA-N
Formula:	C19H36O2Si2
SMILES:	Cc1ccc(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]:	352.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	6.763		Crippen Method
rinpola	1847.80		NIST Webbook
rinpola	1847.80		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332798&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/113-567-7/4-Methylcatechol-bis-tert-butyl dimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-20 15:32:14.809707389 +0000 UTC m=+15916383.730284701.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.