4-Methylcatechol, bis(tert-butyldimethylsilyl) ether

Other names: [(4-Methyl-1,2-phenylene)bis(oxy)]bis[tert-butyl(dimethyl)silane]
4-Methylcatechol, 2tbdms 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
ie	7.94	eV	Cheméo Relay (1.0)
logp	6.763		Crippen Method
rinpol	1847.80		NIST Webbook
rinpol	1847.80		NIST Webbook
tb	579.34	K	Cheméo Relay (1.0)

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U332798&Units=SI

Legend

ie: Ionization energy

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

tb: Normal Boiling Point Temperature

Latest version available from:
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