Benzene, 1-[(tert-butyldimethylsilyl)oxy]-4-methyl-

Other names: p-Cresol, TBDMS
P-cresol, tbdms derivative
Inchi: InChI=1S/C13H22OSi/c1-11-7-9-12(10-8-11)14-15(5,6)13(2,3)4/h7-10H,1-6H3
InchiKey: CYRZRVMCBRTONN-UHFFFAOYSA-N
Formula: C13H22OSi
SMILES: Cc1ccc(O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 222.40
CAS: 62790-85-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	4.379		Crippen Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C62790856&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