Benzene, 1-[(tert-butyldimethylsilyl)oxy]-3-methyl-

Other names:	1-Dimethyl(tert-butyl)silyloxy-3-methylbenzene
	m-Cresol, TBDMS
	Phenol, 3-methyl, DMTBS
	tert-Butyldimethylsilyl 3-methylphenyl ether
	M-cresol, tbdms derivative
Inchi:	InChI=1S/C13H22OSi/c1-11-8-7-9-12(10-11)14-15(5,6)13(2,3)4/h7-10H,1-6H3
InchiKey:	HBUBRNBOYWHGHQ-UHFFFAOYSA-N
Formula:	C13H22OSi
SMILES:	Cc1cccc(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]:	222.40
CAS:	62790-75-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	4.379		Crippen Method
rinpol	1356.00		NIST Webbook
rinpol	1348.00		NIST Webbook
rinpol	1356.00		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=C62790754&Units=SI

Legend

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