

# Benzene, 1-[(tert-butyl dimethylsilyl)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:	<chem>Cc1ccc(O[Si](C)(C)C(C)(C)C)cc1</chem>
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:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C62790856&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C62790856&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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