Trimethyl(4-tert-butylphenoxy)silane

Other names:	(4-tert-Butylphenoxy)(trimethyl)silane
	Phenol, 4-tert-butyl, TMS
	Benzene, 1-(1,1-dimethylethyl)-4-[(trimethylsilyl)oxy]-
	4-tert-Butylphenol, TMS
	4-Tert-butylphenol, tms derivative
Inchi:	InChI=1S/C13H22OSi/c1-13(2,3)11-7-9-12(10-8-11)14-15(4,5)6/h7-10H,1-6H3
InchiKey:	BOYZHAJSEIKQJF-UHFFFAOYSA-N
Formula:	C13H22OSi
SMILES:	CC(C)(C)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	222.40
CAS:	25237-79-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.79		Crippen Method
logp	4.198		Crippen Method
rinpol	1341.00		NIST Webbook
rinpol	1351.00		NIST Webbook
rinpol	1341.00		NIST Webbook
rinpol	1351.00		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=C25237790&Units=SI

Legend

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

rinpol: Non-polar retention indices