

2,4,6-Tribromo-3-methylphenyl tert-butyldimethylsilyl ether

Other names:	2,4,6-Tribromo-3-t-butyldimethylsilyloxytoluene 2,4,6-Tribromo-m-cresol, t-butyldimethylsilyl ether
Inchi:	InChI=1S/C13H19Br3OSi/c1-8-9(14)7-10(15)12(11(8)16)17-18(5,6)13(2,3)4/h7H,1-6H3
InchiKey:	VEERUHMLEIZFBD-UHFFFAOYSA-N
Formula:	C13H19Br3OSi
SMILES:	<chem>Cc1c(Br)cc(Br)c(O[Si](C)(C)C(C)(C)C)c1Br</chem>
Mol. weight [g/mol]:	459.09

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.70		Crippen Method
logp	6.667		Crippen Method
rinpol	2249.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373472&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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