

4-(1,1-Dimethylpropyl)phenol, trimethylsilyl ether

Other names:	1-Trimethylsilyloxy-4-(1,1-dimethylpropyl)benzene 4-tert-Pentylphenol, trimethylsilyl ether
Inchi:	InChI=1S/C14H24OSi/c1-7-14(2,3)12-8-10-13(11-9-12)15-16(4,5)6/h8-11H,7H2,1-6H3
InchiKey:	CIZIOEKXALVGDF-UHFFFAOYSA-N
Formula:	C14H24OSi
SMILES:	CCC(C)(C)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	236.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	4.588		Crippen Method
rinpol	1457.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373057&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/62-446-8/4-1-1-Dimethylpropyl-phenol-trimethylsilyl-ether.pdf>

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