3-Ethylphenol, tert-butyldimethylsilyl ether

Other names: 3-Ethylphenol, tbdms derivative
Inchi: InChI=1S/C14H24OSi/c1-7-12-9-8-10-13(11-12)15-16(5,6)14(2,3)4/h8-11H,7H2,1-6H3
InchiKey: FPVVLQRSBAXJSE-UHFFFAOYSA-N
Formula: C14H24OSi
SMILES: CCc1cccc(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]: 236.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.54		Crippen Method
logp	4.633		Crippen Method
rinpol	1445.90		NIST Webbook
rinpol	1445.90		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=U333412&Units=SI

Legend

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

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