

2,3-Dimethylphenol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H15F5OSi/c1-8-6-5-7-10(9(8)2)22-23(3,4)16-14(20)12(18)11(17)13(19)15
InchiKey: IWPQEGOPELHFDY-UHFFFAOYSA-N
Formula: C16H15F5OSi
SMILES: Cc1cccc(O[Si](C)(C)c2c(F)c(F)c(F)c(F)c2F)c1C
Mol. weight [g/mol]: 346.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.26		Crippen Method
logp	4.490		Crippen Method
rinpol	1717.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368920&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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