

(4-Fluorophenyl)methanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C15H12F6OSi/c1-23(2,22-7-8-3-5-9(16)6-4-8)15-13(20)11(18)10(17)12(19)14
InchiKey: HFBPNZKFZLXLOA-UHFFFAOYSA-N
Formula: C15H12F6OSi
SMILES: C[Si](C)(OCc1ccc(F)cc1)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 350.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.91		Crippen Method
logp	4.150		Crippen Method
rinpol	1635.00		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=U368732&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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<https://www.chemeo.com/cid/24-418-1/4-Fluorophenyl-methanol-dimethylpentafluorophenylsilyl-ether.pdf>

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