

2-Fluoroethanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C10H10F6OSi/c1-18(2,17-4-3-11)10-8(15)6(13)5(12)7(14)9(10)16/h3-4H2,1-2H1
InchiKey: QXXWDPMTFAMLKT-UHFFFAOYSA-N
Formula: C10H10F6OSi
SMILES: C[Si](C)(OCCF)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 288.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.74		Crippen Method
logp	2.780		Crippen Method
rinpol	1201.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367880&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/23-208-5/2-Fluoroethanol-dimethylpentafluorophenylsilyl-ether.pdf>

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