

3-Methylheptan-3-ol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H23F5OSi/c1-6-8-9-16(3,7-2)22-23(4,5)15-13(20)11(18)10(17)12(19)14(15)
InchiKey: CAUSURDQFSEQOZ-UHFFFAOYSA-N
Formula: C16H23F5OSi
SMILES: CCCCC(C)(CC)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 354.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.51		Crippen Method
logp	5.170		Crippen Method
rinpol	1523.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368951&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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