

Decanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C18H27F5OSi/c1-4-5-6-7-8-9-10-11-12-24-25(2,3)18-16(22)14(20)13(19)15(21)
InchiKey: SOJQCCCURYTNDK-UHFFFAOYSA-N
Formula: C18H27F5OSi
SMILES: CCCCCCCCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 382.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.24		Crippen Method
logp	5.951		Crippen Method
rinpol	1843.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367891&Units=SI>

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/122-208-5/Decanol-dimethylpentafluorophenylsilyl-ether.pdf>

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