

# Decan-2-ol, dimethylpentafluorophenylsilyl ether

Inchi:	InChI=1S/C18H27F5OSi/c1-5-6-7-8-9-10-11-12(2)24-25(3,4)18-16(22)14(20)13(19)15(2)
InchiKey:	AQGATYMWQJNYJG-UHFFFAOYSA-N
Formula:	C18H27F5OSi
SMILES:	CCCCCCCC(C)O[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	-9.35		Crippen Method
logp	5.950		Crippen Method
rinpol	1750.00		NIST Webbook
rinpol	1750.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U367898&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U367898&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## 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/122-128-4/Decan-2-ol-dimethylpentafluorophenylsilyl-ether.pdf>

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