

# 2-Ketobutyric acid pfbo-tms

<b>Other names:</b>	Butanoic acid, 2-oxo, O-pentafluorobenzyloxime, TMS
<b>Inchi:</b>	InChI=1S/C14H16F5NO3Si/c1-5-8(14(21)23-24(2,3)4)20-22-6-7-9(15)11(17)13(19)12(18)
<b>InchiKey:</b>	PDCPSDWZTDHPMJ-UHFFFAOYSA-N
<b>Formula:</b>	C14H16F5NO3Si
<b>SMILES:</b>	CCC(=NOCc1c(F)c(F)c(F)c(F)c1F)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	369.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	4.043		Crippen Method
rinsol	1536.00		NIST Webbook
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## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U332301&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332301&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinsol:</b>	Non-polar retention indices

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