

# Dodecanoic acid, dimethyl(3,3,3-trifluoropropyl)silyl ester

<b>Inchi:</b>	InChI=1S/C17H33F3O2Si/c1-4-5-6-7-8-9-10-11-12-13-16(21)22-23(2,3)15-14-17(18,19)2
<b>InchiKey:</b>	DHUHQHKOFBIERM-UHFFFAOYSA-N
<b>Formula:</b>	C17H33F3O2Si
<b>SMILES:</b>	CCCCCCCCCCCC(=O)O[Si](C)(C)CC(F)(F)F
<b>Mol. weight [g/mol]:</b>	354.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.51		Crippen Method
logp	6.608		Crippen Method
rinpol	1756.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U375514&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U375514&amp;Units=SI</a>

## Legend

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

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