

# 2-Furancarboxylic acid, trimethylsilyl ester

<b>Other names:</b>	2-Furoic acid, trimethylsilyl ester 2-Furoic acid, tms derivative
<b>Inchi:</b>	InChI=1S/C8H12O3Si/c1-12(2,3)11-8(9)7-5-4-6-10-7/h4-6H,1-3H3
<b>InchiKey:</b>	XMEORGBWULGDAQ-UHFFFAOYSA-N
<b>Formula:</b>	C8H12O3Si
<b>SMILES:</b>	C[Si](C)(C)OC(=O)c1ccco1
<b>Mol. weight [g/mol]:</b>	184.26
<b>CAS:</b>	55887-53-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	2.271		Crippen Method
rinpol	1131.20		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55887531&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55887531&amp;Units=SI</a>
<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>

## 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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