

# Idonic acid, 2,3,5,6-tetrakis-O-(trimethylsilyl)-, lactone

<b>Other names:</b>	Idonic acid, 1,4-lactone, tetrakis-TMS Idonic acid, 1,4-lactone, TMS Idonic acid, «gamma»-lactone, 4tms derivavative
<b>Inchi:</b>	InChI=1S/C18H42O6Si4/c1-25(2,3)20-13-14(22-26(4,5)6)15-16(23-27(7,8)9)17(18(19)21)
<b>InchiKey:</b>	FTOCXQVQZOFUDF-BHUNQDJPSA-N
<b>Formula:</b>	C18H42O6Si4
<b>SMILES:</b>	C[Si](C)(C)OCC(O[Si](C)(C)C)C1OC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	466.86
<b>CAS:</b>	55515-32-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.89		Crippen Method
logp	4.424		Crippen Method
rinpol	1956.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55515327&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55515327&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>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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>rinpol:</b>	Non-polar retention indices

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