

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

Other names:	Talonic acid, 1,4-lactone, TMS
Inchi:	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)
InchiKey:	FTOCXQVQZOFUDF-UHFFFAOYSA-N
Formula:	C18H42O6Si4
SMILES:	C[Si](C)(C)OCC(O[Si](C)(C)C)C1OC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	466.86
CAS:	55515-31-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.89		Crippen Method
logp	4.424		Crippen Method
rinpol	1959.00		NIST Webbook
rinpol	1959.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55515316&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55515316&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>

## Legend

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

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