

# D-Glucuronic acid, 2,4,5-tris-O-(trimethylsilyl)-, lactone

Other names:	Glucuronic lactone, tris(trimethylsilyl)- D-Glucuronolactone, TMS # 2
Inchi:	InChI=1S/C15H32O6Si3/c1-22(2,3)19-11(10-16)12-13(20-23(4,5)6)14(15(17)18-12)21-2
InchiKey:	NGXKKSIAZXQKDH-UHFFFAOYSA-N
Formula:	C15H32O6Si3
SMILES:	<chem>C[Si](C)(C)OC(C=O)C1OC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	392.67
CAS:	55556-97-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.00		Crippen Method
logp	2.771		Crippen Method
rinpol	1924.00		NIST Webbook
rinpol	1924.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
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=C55556973&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55556973&amp;Units=SI</a>

## Legend

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

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