

# D-Glucofuranuronic acid, 1,2,5-tris-O-(trimethylsilyl)-, «gamma»-lactone

Other names:	Glucurono-6,3-lactone, TMS
Inchi:	InChI=1S/C15H32O6Si3/c1-22(2,3)19-12-10-11(17-14(12)16)13(20-23(4,5)6)15(18-10)2
InchiKey:	XYVSGYLYEFHXSU-UHFFFAOYSA-N
Formula:	C15H32O6Si3
SMILES:	C[Si](C)(C)OC1OC2C(O[Si](C)(C)C)C(=O)OC2C1O[Si](C)(C)C
Mol. weight [g/mol]:	392.67
CAS:	52842-26-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.69		Crippen Method
logp	2.928		Crippen Method
rinpol	1859.00		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=C52842269&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C52842269&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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