

# GLUCURONIC ACID 5TMS-1

**Inchi:** InChI=1S/C21H50O7Si5/c1-29(2,3)24-17(16-22)18(25-30(4,5)6)19(26-31(7,8)9)20(27-32)  
**InchiKey:** HDGFBGPNRURMOV-YRPNKDGESA-N  
**Formula:** C21H50O7Si5  
**SMILES:** C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 555.04

## Physical Properties

Property code	Value	Unit	Source
log10ws	6.19		Crippen Method
logp	5.444		Crippen Method
rinpol	1928.00		NIST Webbook
rinpol	1942.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R439028&Units=SI>

## Legend

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

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