

# Isopropyl glucuronide, TMS

**Inchi:** InChI=1S/C21H48O7Si4/c1-15(2)23-21-19(27-31(9,10)11)17(26-30(6,7)8)16(25-29(3,4)5)  
**InchiKey:** LFGIJVSNBHUEAR-UHFFFAOYSA-N  
**Formula:** C21H48O7Si4  
**SMILES:** CC(C)OC1OC(C(=O)O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 524.94

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.82		Crippen Method
logp	5.175		Crippen Method
rinpol	2033.00		NIST Webbook
rinpol	2033.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R554593&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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