

# 2-Deoxy-D-galactose, aldol, TMS

**Inchi:** InChI=1S/C18H44O5Si4/c1-24(2,3)20-15-17(22-26(7,8)9)18(23-27(10,11)12)16(13-14-15)  
**InchiKey:** WQGYHSMEGAKWMM-KZNAEPCWSA-N  
**Formula:** C18H44O5Si4  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CC=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 452.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.47		Crippen Method
logp	5.087		Crippen Method
rinpol	1750.00		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=R441120&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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