

# D(-)-Erythrose, aldol, TMS

**Inchi:** InChI=1S/C13H32O4Si3/c1-18(2,3)15-11-13(17-20(7,8)9)12(10-14)16-19(4,5)6/h10,12-1  
**InchiKey:** UPIKFSIKTWCYLN-QWHCGFSZSA-N  
**Formula:** C13H32O4Si3  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(C=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 336.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.82		Crippen Method
logp	3.477		Crippen Method
rinpol	1499.00		NIST Webbook
rinpol	1499.00		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=R441264&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/61-630-4/D-Erythrose-aldol-TMS.pdf>

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