

# Erythrose, 1-MO, 3TMS, MP

**Inchi:** InChI=1S/C14H35NO4Si3/c1-16-15-11-13(18-21(5,6)7)14(19-22(8,9)10)12-17-20(2,3)4/h  
**InchiKey:** ALJSKKFUUDIVIZ-UONOGXRCSA-N  
**Formula:** C14H35NO4Si3  
**SMILES:** CON=CC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 365.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.44		Crippen Method
logp	3.910		Crippen Method
rinpol	1441.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R576999&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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