

# «beta»-Rhamnose, TMS

**Inchi:** InChI=1S/C18H44O5Si4/c1-14-15(20-24(2,3)4)16(21-25(5,6)7)17(22-26(8,9)10)18(19-14)  
**InchiKey:** QQOFWFOBJUGLLJ-DFBDCSAJSA-N  
**Formula:** C18H44O5Si4  
**SMILES:** CC1OC(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]:** 452.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.05		Crippen Method
logp	5.243		Crippen Method
rinpol	1725.00		NIST Webbook

## Sources

**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=R154440&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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