

# «beta»-L(+)-Arabinose, furanose, TMS

**Inchi:** InChI=1S/C16H40O5Si4/c1-22(2,3)18-13-14(19-23(4,5)6)16(21-25(10,11)12)17-15(13)20  
**InchiKey:** MXZIJSMLEIGPCN-FPCVCCKLSA-N  
**Formula:** C16H40O5Si4  
**SMILES:** C[Si](C)(C)OC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 424.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.51		Crippen Method
logp	4.812		Crippen Method
rinsol	1674.00		NIST Webbook
rinsol	1674.00		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=R441066&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  
**rinsol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/44-476-5/beta-L-Arabinose-furanose-TMS.pdf>

Generated by Cheméo on 2024-04-19 22:34:20.159299733 +0000 UTC m=+15855309.079877073.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.