

# (R)-2-butyl-D-Ara, TMS

**Inchi:** InChI=1S/C18H42O5Si3/c1-11-12-13-20-16(14-19)18(23-26(8,9)10)17(22-25(5,6)7)15-2  
**InchiKey:** KNAPZLDLLJPMAO-FGTMMUONSA-N  
**Formula:** C18H42O5Si3  
**SMILES:** CCCCOC(C=O)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 422.78

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.53		Crippen Method
logp	4.662		Crippen Method
rinpol	1764.00		NIST Webbook
rinpol	1764.00		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=R396317&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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<https://www.chemeo.com/cid/61-634-0/R-2-butyl-D-Ara-TMS.pdf>

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