

# Ribaric acid, TMS

**Inchi:** InChI=1S/C20H48O7Si5/c1-28(2,3)23-16(17(24-29(4,5)6)19(21)26-31(10,11)12)18(25-30)22-15-7-8-9-13-14-20-1  
**InchiKey:** QGJKSEWJVPVGCUI-BCDXTJNWSA-N  
**Formula:** C20H48O7Si5  
**SMILES:** C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 541.02  
**CAS:** 57197-34-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	6.23		Crippen Method
logp	5.403		Crippen Method
rinsol	1867.00		NIST Webbook
rinsol	1867.00		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=C57197349&Units=SI>

## 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/65-436-6/Ribaric-acid-TMS.pdf>

Generated by Cheméo on 2024-04-26 04:21:20.746511333 +0000 UTC m=+16394529.667088645.

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