

# 3-Hydroxy-3-(4'-hydroxy-3'-methoxyphenyl)propionic acid, tri-TMS

Other names: Vanillylhydracrylic acid, tri-TMS

Vanillylhydracrylic acid, tris-TMS

**Inchi:** InChI=1S/C19H36O5Si3/c1-21-18-13-15(11-12-16(18)22-25(2,3)4)17(23-26(5,6)7)14-19

**InchiKey:** QCMUGKOFXVYNCF-UHFFFAOYSA-N

**Formula:** C19H36O5Si3

**SMILES:** COc1cc(C(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C)ccc1O[Si](C)(C)C

**Mol. weight [g/mol]:** 428.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.16		Crippen Method
logp	5.570		Crippen Method
rinpol	2011.00		NIST Webbook
rinpol	2013.00		NIST Webbook
rinpol	2011.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**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=U99942&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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