

# LACTITOL 9TMS

**Inchi:** InChI=1S/C37H92O11Si9/c1-49(2,3)38-28-29(41-50(4,5)6)30(42-51(7,8)9)32(37(47-56(2

**InchiKey:** LLTSZDJHDGMILY-JBVKVHHNSA-N

**Formula:** C37H92O11Si9

**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(OC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C

**Mol. weight [g/mol]:** 965.89

## Physical Properties

Property code	Value	Unit	Source
log10ws	9.88		Crippen Method
logp	10.887		Crippen Method
rinpol	2756.60		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=R414643&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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