

# B-Cortol TMS

**Other names:** B-Cortol, MO TMS  
«beta»-Cortol, TMS

**Inchi:** InChI=1S/C37H78O5Si5/c1-35-23-20-29(39-44(6,7)8)26-28(35)18-19-30-31-21-24-37(42)

**InchiKey:** DXNKEPOWPIBCMY-BNMOCFIOSA-N

**Formula:** C37H78O5Si5

**SMILES:** CC12CCC(O[Si](C)(C)C)CC1CCC1C2C(O[Si](C)(C)C)CC2(C)C1CCC2(O[Si](C)(C)C)C(C)C

**Mol. weight [g/mol]:** 743.44

**CAS:** 17563-09-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.42		Crippen Method
logp	11.131		Crippen Method
rinpol	3085.00		NIST Webbook
rinpol	3102.00		NIST Webbook
rinpol	3070.00		NIST Webbook
rinpol	3079.00		NIST Webbook
rinpol	3097.00		NIST Webbook
rinpol	3080.00		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=C17563096&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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