

# 5B-Cholestane-3A,7A,24R,25-tetrol, TMS

**Inchi:** InChI=1S/C39H80O4Si4/c1-28(18-21-35(42-46(12,13)14)37(2,3)43-47(15,16)17)31-19-2  
**InchiKey:** FRJMTVKGUJKZCF-HJKBZPESSA-N  
**Formula:** C39H80O4Si4  
**SMILES:** CC(CCC(O[Si](C)(C)C)C(C)(C)O[Si](C)(C)C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)C5C6C7C8C9C10C11C12C13C14C15C16C17C18C19C20C21C22C23C24C25C26C27C28C29C30C31C32C33C34C35C36C37C38C39  
**Mol. weight [g/mol]:** 725.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.79		Crippen Method
logp	11.962		Crippen Method
rinpol	3615.00		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=R585176&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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