

# Butyrospermol, TMS

**Inchi:** InChI=1S/C33H60OSi/c1-23(2)13-12-14-24(3)25-17-21-33(8)27-15-16-28-30(4,5)29(34-3  
**InchiKey:** GAQWPEXNMKMRPW-XCYNXUCSSA-N  
**Formula:** C33H60OSi  
**SMILES:** CC(C)CCCC(C)C1CCC2(C)C3=CCC4C(C)(C)C(O[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 500.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.14		Crippen Method
logp	10.274		Crippen Method
rinpol	3366.00		NIST Webbook
rinpol	3366.00		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=R86510&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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<https://www.chemeo.com/cid/49-583-1/Butyrospermol-TMS.pdf>

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