

# Serine, mono-ethoxycarbonylated, di-TBDMS

**Inchi:** InChI=1S/C18H39NO5Si2/c1-12-22-16(21)19-14(13-23-25(8,9)17(2,3)4)15(20)24-26(10,  
**InchiKey:** TYCOTJVNOWGCLA-UHFFFAOYSA-N  
**Formula:** C18H39NO5Si2  
**SMILES:** CCOC(=O)NC(CO[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 405.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.55		Crippen Method
logp	4.671		Crippen Method
rinpol	2009.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R564986&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/67-570-5/Serine-mono-ethoxycarbonylated-di-TBDMS.pdf>

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