

# Ser-1, N-isoBOC TBDMS

**Inchi:** InChI=1S/C20H43NO5Si2/c1-15(2)13-24-18(23)21-16(14-25-27(9,10)19(3,4)5)17(22)26-  
**InchiKey:** YVLMZNDYOPIBOD-UHFFFAOYSA-N  
**Formula:** C20H43NO5Si2  
**SMILES:** CC(C)COC(=O)NC(CO[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 433.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.15		Crippen Method
logp	5.307		Crippen Method
rinpol	1903.00		NIST Webbook
rinpol	1903.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R260723&Units=SI>  
**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)

## 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/121-005-1/Ser-1-N-isoBOC-TBDMS.pdf>

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