

# Serotonin, N-isoBOC, O-TBDMS

**Inchi:** InChI=1S/C26H44N2O5Si/c1-18(2)16-31-24(29)27-13-12-20-15-28(25(30)32-17-19(3)4)2  
**InchiKey:** DXVZUKYTUKUVDG-UHFFFAOYSA-N  
**Formula:** C26H44N2O5Si  
**SMILES:** CC(C)COC(=O)NCCC1CN(C(=O)OCC(C)C)c2ccc(O[Si](C)(C)C(C)(C)C)cc21  
**Mol. weight [g/mol]:** 492.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.88		Crippen Method
logp	6.539		Crippen Method
rinsol	3093.00		NIST Webbook
rinsol	3093.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R392835&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinsol:** Non-polar retention indices

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