

# Sterigmatocystin, trimethylsilyl ether

**Inchi:** InChI=1S/C21H20O6Si/c1-23-14-10-15-16(11-8-9-24-21(11)26-15)20-18(14)19(22)17-12  
**InchiKey:** UZSWUZYHWFHPBP-UHFFFAOYSA-N  
**Formula:** C21H20O6Si  
**SMILES:** COc1cc2c(c3oc4cccc(O[Si](C)(C)C)c4c(=O)c13)C1C=COC1O2  
**Mol. weight [g/mol]:** 396.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.50		Crippen Method
logp	4.514		Crippen Method
rinpol	3031.00		NIST Webbook
rinpol	3031.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375016&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

Latest version available from:

<https://www.chemeo.com/cid/84-676-9/Sterigmatocystin-trimethylsilyl-ether.pdf>

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