

# 2'-Deoxyuridine, bis(trimethylsilyl) deriv.

**Inchi:** InChI=1S/C15H28N2O5Si2/c1-23(2,3)20-10-12-11(22-24(4,5)6)9-14(21-12)17-8-7-13(18)  
**InchiKey:** UWMUHCLOWACYQQ-UHFFFAOYSA-N  
**Formula:** C15H28N2O5Si2  
**SMILES:** C[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)CC1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 372.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.49		Crippen Method
logp	1.414		Crippen Method
rinpol	2363.00		NIST Webbook
rinpol	2363.00		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=U376182&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/52-299-3/2-Deoxyuridine-bis-trimethylsilyl-deriv.pdf>

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