

# 5-Hydroxyuracil riboside, TMS

**Inchi:** InChI=1S/C24H52N2O7Si5/c1-34(2,3)28-17-19-20(31-36(7,8)9)21(32-37(10,11)12)23(29)  
**InchiKey:** HTGODIJIONVACM-VCJJEUFXSA-N  
**Formula:** C24H52N2O7Si5  
**SMILES:** C[Si](C)(C)OCC1OC(n2cc(O[Si](C)(C)C)c(O[Si](C)(C)C)nc2=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 621.11

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.85		Crippen Method
logp	5.860		Crippen Method
rinpol	2609.00		NIST Webbook
rinpol	2609.00		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=R93850&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/45-710-3/5-Hydroxyuracil-riboside-TMS.pdf>

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