

# Uridine, 3',5'-bis-O-TBDMS

**Inchi:** InChI=1S/C21H40N2O6Si2/c1-20(2,3)30(7,8)27-13-14-17(29-31(9,10)21(4,5)6)16(25)18  
**InchiKey:** DBCXSIGLRZSREH-AGERRDQYSA-N  
**Formula:** C21H40N2O6Si2  
**SMILES:** CC(C)(C)[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)C(O)C1O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 472.72

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.61		Crippen Method
logp	2.725		Crippen Method
rinpol	2884.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R247453&Units=SI>

## 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/25-538-7/Uridine-3-5-bis-O-TBDMS.pdf>

Generated by Cheméo on 2024-04-24 20:39:33.468562161 +0000 UTC m=+16280422.389139473.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.