

# Thymidine, 3'-O-TMS, 5'-O-cyclotetramethylene-isopropylsilyl

<b>Inchi:</b>	InChI=1S/C20H36N2O5Si2/c1-14(2)29(9-7-8-10-29)25-13-17-16(27-28(4,5)6)11-18(26-1
<b>InchiKey:</b>	JUICPUUHAOMCSN-UKKPGEIXSA-N
<b>Formula:</b>	C20H36N2O5Si2
<b>SMILES:</b>	Cc1cn(C2CC(O[Si](C)(C)C)C(CO[Si]3(C(C)C)CCCC3)O2)c(=O)[nH]c1=O
<b>Mol. weight [g/mol]:</b>	440.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.45		Crippen Method
logp	3.037		Crippen Method
rinpol	2858.00		NIST Webbook
rinpol	2858.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R247220&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R247220&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/14-312-9/Thymidine-3-O-TMS-5-O-cyclotetramethylene-isopropylsilyl.pdf>

Generated by Cheméo on 2024-02-24 14:02:05.037158755 +0000 UTC m=+11072573.957736068.

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