Thymidine, 3'-O-cyclotetramethylene-tertbutylsilyl, 5'-O-TMS

Inchi: InChI=1S/C21H38N2O5Si2/c1-15-13-23(20(25)22-19(15)24)18-12-16(17(27-18)14-26-29
InchiKey: OJXFIMBWTDAYPL-UKKPGEIXSA-N
Formula: C21H38N2O5Si2
SMILES: Cc1cn(C2CC(O[Si]3(C(C)(C)C)CCCC3)C(CO[Si](C)(C)C)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 454.71

Physical Properties

Property code	Value	Unit	Source
log10ws	0.03		Crippen Method
logp	3.427		Crippen Method
rinpol	2881.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R247131&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/19-869-7/Thymidine-3-O-cyclotetramethylene-tertbutylsilyl-5-O-TMS.pdf
Generated by Cheméo on 2024-04-20 07:15:47.052403248 +0000 UTC m=+15886595.972980571.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.