5-methyluridine, 2',3',5'-tris(O-TMSi)

Other names: 5-Methyluridine, 2',3',5'-tris-O-TMS
Inchi: InChI=1S/C19H38N2O6Si3/c1-13-11-21(19(23)20-17(13)22)18-16(27-30(8,9)10)15(26-2
InchiKey: NPQPNHPRBSPWIM-FLZRJIMASA-N
Formula: C19H38N2O6Si3
SMILES: Cc1cn(C2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(=O)[nH]c1=O
Mol. weight [g/mol]: 474.77

Physical Properties

Property code	Value	Unit	Source
log10ws	3.51		Crippen Method
logp	2.552		Crippen Method
rinpol	2481.00		NIST Webbook
rinpol	2481.00		NIST Webbook
rinpol	2481.00		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=R144399&Units=SI

Legend

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