5-Methyluridine, 2',3',5'-tris-O-TBDMS

Other names: 5-methyluridine, 2',3',5'-tris(O-TBDMSi))
Inchi: InChI=1S/C28H56N2O6Si3/c1-19-17-30(25(32)29-23(19)31)24-22(36-39(15,16)28(8,9)1
InchiKey: DAKUFUQVGRPFBW-LMKQZBFKSA-N
Formula: C28H56N2O6Si3
SMILES: Cc1cn(C2OC(CO[Si](C)(C)C(C)(C)C)C(O[Si](C)(C)C(C)(C)C)C2O[Si](C)(C)C(C)(C)C)c(=
Mol. weight [g/mol]: 601.01

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.25		Crippen Method
logp	6.063		Crippen Method
rinpol	3133.00		NIST Webbook
rinpol	3133.00		NIST Webbook
rinpol	3133.00		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=R144384&Units=SI

Legend

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