2'-Deoxyuridine, 3',5'-bis(O-TBDMSi)

Other names: 2'-Deoxyuridine, 3',5'-bis-O-TBDMS
Inchi: InChI=1S/C21H40N2O5Si2/c1-20(2,3)29(7,8)26-14-16-15(28-30(9,10)21(4,5)6)13-18(27-
InchiKey: DKEAALKCPSPQCU-SWQDIRLTSA-N
Formula: C21H40N2O5Si2
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)CC1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 456.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.02		Crippen Method
logp	3.754		Crippen Method
rinpol	2799.00		NIST Webbook
rinpol	2826.00		NIST Webbook
rinpol	2799.00		NIST Webbook
rinpol	2826.00		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=R144166&Units=SI

Legend

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

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