Cytosine arabinoside, dimethyl-allyldimethylsilyl derivative

Inchi: InChI=1S/C29H53N3O5Si4/c1-13-19-38(5,6)31-25-17-18-32(29(33)30-25)28-27(37-41(1
InchiKey: DTUFEJIRBFZBFX-AOGFTHLWSA-N
Formula: C29H53N3O5Si4
SMILES: C=CC[Si](C)(C)Nc1ccn(C2OC(CO[Si](C)(C)CC=C)C(O[Si](C)(C)CC=C)C2O[Si](C)(C)CC
Mol. weight [g/mol]: 636.09

Physical Properties

Property code	Value	Unit	Source
log10ws	1.20		Crippen Method
logp	6.904		Crippen Method
rinpol	2907.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R307416&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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