Cytosine arabinoside, dimethyl-TMS derivative

Inchi: InChI=1S/C20H41N3O5Si3/c1-22(2)16-12-13-23(20(24)21-16)19-18(28-31(9,10)11)17(2
InchiKey: DRYLWCHXMKDUNI-GWFLUQINSA-N
Formula: C20H41N3O5Si3
SMILES: CN(C)c1ccn(C2OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(=O)n1
Mol. weight [g/mol]: 487.81

Physical Properties

Property code	Value	Unit	Source
log10ws	2.96		Crippen Method
logp	3.498		Crippen Method
rinpol	2433.00		NIST Webbook
rinpol	2433.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R245813&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