

Cytidine, dimethyl-TMS derivative

Inchi: InChI=1S/C19H39N3O5Si3/c1-21(2)14-12-13-22(19(23)20-14)17-15(25-28(3,4)5)16(26-27)3
InchiKey: NVDOSYAVVLQGBA-OPQOLIRYSA-N
Formula: C19H39N3O5Si3
SMILES: CN(C)c1ccn(C2OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(=O)n1
Mol. weight [g/mol]: 473.79

Physical Properties

Property code	Value	Unit	Source
log10ws	2.88		Crippen Method
logp	3.456		Crippen Method
rinpol	2435.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R245739&Units=SI>

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/57-873-0/Cytidine-dimethyl-TMS-derivative.pdf>

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