

cytidine, TMS

Inchi: InChI=1S/C24H53N3O5Si5/c1-33(2,3)26-20-16-17-27(24(25-20)32-37(13,14)15)23-22(3)
InchiKey: FEKZQDHDUHIKJT-LHLOQNFPSA-N
Formula: C24H53N3O5Si5
SMILES: C[Si](C)(C)N=c1ccn(C2OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C2O[Si](C)(C)C)c(O[Si](C)(C)
Mol. weight [g/mol]: 604.12

Physical Properties

Property code	Value	Unit	Source
log10ws	4.73		Crippen Method
logp	6.021		Crippen Method
rinpol	2811.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R207064&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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.chemeo.com/cid/65-037-9/cytidine-TMS.pdf>

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