

guanosine-2'(3')-monophosphate, TMS

Inchi: InChI=1S/C28H62N5O8PSi6/c1-43(2,3)32-28-30-25-22(26(31-28)39-46(10,11)12)29-20-
InchiKey: UKLITVRBLCBDLT-UHFFFAOYSA-N
Formula: C28H62N5O8PSi6
SMILES: C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2ncn(C3OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C3OP(=O)(
Mol. weight [g/mol]: 796.31

Physical Properties

Property code	Value	Unit	Source
log10ws	2.30		Crippen Method
logp	8.452		Crippen Method
rinpol	3159.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R207128&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.chemeo.com/cid/114-987-0/guanosine-2-3-monophosphate-TMS.pdf>

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