

Cytosine, 1-alpha-l-rhamnopyranosyl-

Inchi:	InChI=1S/C10H15N3O5/c1-4-6(14)7(15)8(16)9(18-4)13-3-2-5(11)12-10(13)17/h2-4,6-9,1
InchiKey:	WOVJBPASLLGEQC-UHFFFAOYSA-N
Formula:	C10H15N3O5
SMILES:	CC1OC(n2ccc(N)nc2=O)C(O)C(O)C1O
Mol. weight [g/mol]:	257.24
CAS:	117922-39-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.09		Crippen Method
logp	-2.175		Crippen Method
mcvol	176.430	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C117922391&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
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/28-744-5/Cytosine-1-alpha-l-rhamnopyranosyl.pdf>

Generated by Cheméo on 2024-04-27 20:50:55.806895606 +0000 UTC m=+16540304.727472918.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.