9H-purine, 2-amino-9-beta-d-ribofuranosyl-

Inchi: InChI=1S/C10H13N5O4/c11-10-12-1-4-8(14-10)15(3-13-4)9-7(18)6(17)5(2-16)19-9/h1,3,
InchiKey: JVOJULURLCZUDE-UHFFFAOYSA-N
Formula: C10H13N5O4
SMILES: Nc1ncc2ncn(C3OC(CO)C(O)C3O)c2n1
Mol. weight [g/mol]: 267.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.29		Crippen Method
logp	-1.980		Crippen Method
mcvol	175.360	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=B6006798&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
mcvol: McGowan's characteristic volume