1H-Pyrazolo[4,3-d]pyrimidine, 7-amino-3-«beta»-D-ribofuranosyl-

Other names: D-Ribitol, 1-C-(7-amino-1H-pyrazolo[4,3-d]pyrimidin-3-yl)-1,4-anhydro-, (S)-
Formycin
Formycin A
7-Amino-3-«beta»-D-ribofuranosyl-1H-pyrazolo(4,3-d)pyrimidine

Inchi: InChI=1S/C10H13N5O4/c11-10-6-4(12-2-13-10)5(14-15-6)9-8(18)7(17)3(1-16)19-9/h2-3,

InchiKey: KBHMEHLJSZMEMI-UHFFFAOYSA-N

Formula: C10H13N5O4

SMILES: Nc1ncnc2c(C3OC(CO)C(O)C3O)n[nH]c12

Mol. weight [g/mol]: 267.24

CAS: 6742-12-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	-2.393		Crippen Method
mcvol	175.360	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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=C6742127&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

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