Uridine, 2',3',5'-tris-O-acetyl

Inchi: InChI=1S/C15H18N2O9/c1-7(18)23-6-10-12(24-8(2)19)13(25-9(3)20)14(26-10)17-5-4-11
InchiKey: AUFUWRKPQLGTGF-WKIYYKSKSA-N
Formula: C15H18N2O9
SMILES: CC(=O)OCC1OC(n2ccc(=O)[nH]c2=O)C(OC(C)=O)C1OC(C)=O
Mol. weight [g/mol]: 370.31

Physical Properties

Property code	Value	Unit	Source
log10ws	0.07		Crippen Method
logp	-1.621		Crippen Method
mcvol	247.480	ml/mol	McGowan Method
rinpol	2509.00		NIST Webbook

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=R247275&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
rinpol: Non-polar retention indices

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