

Ribofuranose, 1-azido-1-deoxy-2,3-o-isopropylidene-, benzoate

InChI: InChI=1S/C15H17N3O5/c1-15(2)22-11-10(21-13(17-18-16)12(11)23-15)8-20-14(19)9-6-4
InChIKey: MPHOYAKNKKOVOI-UHFFFAOYSA-N
Formula: C15H17N3O5
SMILES: CC1(C)OC2C(COC(=O)c3ccccc3)OC(N=[N+]=[N-])C2O1
Mol. weight [g/mol]: 319.31
CAS: 88237-98-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.33		Crippen Method
logp	2.399		Crippen Method
mcvol	223.120	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=C88237983&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/93-557-1/Ribofuranose-1-azido-1-deoxy-2-3-o-isopropylidene-benzoate.pdf>

Generated by Cheméo on 2024-04-27 23:45:58.645055875 +0000 UTC m=+16550807.565633196.

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