

Adenosine, 2-azido-

Inchi:	InChI=1S/C10H12N8O4/c11-7-4-8(15-10(14-7)16-17-12)18(2-13-4)9-6(21)5(20)3(1-19)2
InchiKey:	BSZZPOARGMTJKQ-LZGMGDPASA-N
Formula:	C10H12N8O4
SMILES:	[N-]=[N+]=Nc1nc(N)c2ncn(C3OC(CO)C(O)C3O)c2n1
Mol. weight [g/mol]:	308.25
CAS:	59587-07-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.95		Crippen Method
logp	-1.038		Crippen Method
mcvol	196.700	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=C59587074&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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