

Adenosine, 2-methoxy-

Other names:	2-Methoxyadenosine
Inchi:	InChI=1S/C11H15N5O5/c1-20-11-14-8(12)5-9(15-11)16(3-13-5)10-7(19)6(18)4(2-17)21-
InchiKey:	AJACDNCVEGIBNA-KQYNXXCUSA-N
Formula:	C11H15N5O5
SMILES:	COc1nc(N)c2ncn(C3OC(CO)C(O)C3O)c2n1
Mol. weight [g/mol]:	297.27
CAS:	24723-77-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	-1.971		Crippen Method
mcvol	195.320	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C24723771&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	https://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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