



Product Information

2'-Deoxyadenosine-5'-monophosphate, Disodium salt

Cat. No.: X23-06-YW244

Size: 250 mg; 500 mg; 1 g; 5g; 10g

MDL: MFCD00065990

CAS Number: 2922-74-9

PubChem CID: 14598610

Synonym: dAMP·Na₂; Sodium

((2*R*,3*S*,5*R*)-5-(6-amino-9*H*-purin-9-yl)-3-hydroxytetrahydrofuran-2-yl)methyl phosphate; 2'-deoxyadenosine-5'-monophosphate disodium salt; disodium; 2'-deoxyadenosine 5'-monophosphate disodium salt; 2'-Deoxyadenosine 5'-monophosphate disodium salt

This product is for research use only and is not intended for diagnostic use.

Product Information

Molecular Weight	375.188
Molecular Formula	C ₁₀ H ₁₂ N ₅ Na ₂ O ₆ P
InChI	InChI=1S/C10H14N5O6P.2Na/c11-9-8-10(13-3-12-9)15(4-14-8)7-1-5(16)6(21-7)2-20-22(17,18)19;;/h3-7,16H,1-2H2,(H2,11,12,13)(H2,17,18,19);;/q;2*+1/p-2/t5-,6+,7+;;/m0../s1
InChI Key	SNYHHRDGEJPLGT-OJSHLMAWSA-L
Canonical SMILES	C1C(C(OC1N2C=NC3=C(N=CN=C32)N)COP(=O)([O-])[O-])O.[Na+].[Na+]
Isomeric SMILES	C1[C@@H]([C@H](O[C@H]1N2C=NC3=C(N=CN=C32)N)COP(=O)([O-])[O-])O.[Na+].[Na+]
Form	White powder
Purity	≥99%
Applications	2'-Deoxyadenosine-5'-monophosphate (disodium salt) is a nucleotide precursor that can be used in DNA synthesis.
Storage	Store at -20°C.