

## Product Datasheet

# Adenosine 5'-monophosphate disodium salt (orb1741452)

<b>Catalog Number</b>	orb1741452
<b>Category</b>	Small Molecules
<b>Description</b>	Adenosine 5'-monophosphate disodium salt is a nucleotide derivative used to investigate ATP-related metabolic pathways. It serves as a research tool in cell biology and biochemistry for studying cellular energy metabolism, signal transduction, and nucleotide effects in both in vitro and in vivo experimental models.
<b>Target</b>	Nucleoside Antimetabolite/Analog, Adenosine Receptor
<b>Purity</b>	99.24% (May vary between batches)
<b>MW</b>	391.18
<b>Target Areas</b>	Nucleoside Antimetabolite/Analog Adenosine Receptor
<b>Solubility (25°C)</b>	H2O:110 mg/mL (281.2 mM);DMSO:1 mg/mL (2.56 mM)
<b>CAS Number</b>	4578-31-8
<b>Formula</b>	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>7</sub> P
<b>SMILES</b>	[Na+].[Na+].Nc1ncnc2n(cnc12)[C@@H]1O[C@H](COP([O-])([O-])=O)[C@@H](O)[C@H]1O
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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