Creative Enzymes®

Adenosine 5'-triphosphate (sodium salt)

Cat. No. COEC-004

Lot. No. (See product label)

Introduction

Description	Adenosine 5'-Triphosphate, disodium salt is a p2 purinergic (P2X and P2Y) agonist that increases Ca2+-activated K+ channel activity. It has been found to induce a release of prostoglandin D2 and histamine from rat peritoneal mast cells in a dose-dependent manner.
Applications	A p2 purinergicagonist
Synonyms	ATP disodium salt

Product Information

Appearance	Powder
Form	Solid
CAS No.	987-65-5
Molecular Formula	C10H14N5O13P3•2Na
Molecular Weight	551.14
Purity	≥98%
Melting Point	188-190° C
Solubility	Soluble in water (110 mg/ml at 25° C), ethanol (<1 mg/ml at 25° C), DMSO (<1 mg/ml at 25° C), DMF (sparingly), and PBS pH 7.2 (~10 mg/ml).