
Adenosine 5'-diphosphoribose sodium

产品编号: D54871

CAS: 68414-18-6

分子式: C₁₅H₂₂N₅NaO₁₄P₂

纯度: 99.38%

InChi Key: InChiKey=RJWGZGBNLLYUJC-KAXKLPFCSA-M

Smiles: O[C@@H]1[C@@H](O[C@@H]([C@H]1O)COP(OP(OC[C@@H](O)[C@@H](O)[C@@H](O)C=O)([O-])=O)(O)=O)N2C3=NC=NC(N)=C3N=C2.[Na+]

外观: 固体粉末

作用通路: Metabolism;Membrane transporter/Ion channel;Autophagy

作用靶点: Endogenous Metabolite;TRP/TRPV Channel;Autophagy

溶解性: H₂O:100 mg/mL (172.03 mM,Need ultrasonic); DMSO:20 mg/mL (34.41 mM,Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Adenosine 5'-diphosphoribose sodium (ADP ribose sodium) is a metabolite of nicotinamide adenine nucleotide (NAD⁺), which is widely present in organisms. Adenosine 5'-diphosphoribose sodium (ADP ribose sodium) is a potent intracellular Ca²⁺-permeable cation TRPM2 channel activator. Adenosine 5'-diphosphoribose sodium (ADP ribose sodium) is a potent intracellular Ca²⁺ permeable cation TRPM2 channel activator that also induces autophagy.)