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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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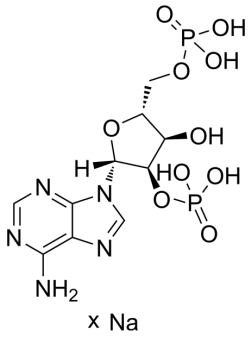
Adenosine 2',5'-diphosphate sodium

Cat. No.:	HY-N7740
CAS No.:	154146-84-6
Molecular Formula:	$C_{10}H_{15}N_5O_{10}P_2.xNa$
Target:	P2Y Receptor; Endogenous Metabolite
Pathway:	GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H_2O : 50 mg/mL (Need ultrasonic and warming)

BIOLOGICAL ACTIVITY

Description	Adenosine 2',5'-diphosphate sodium is a competitive P2Y1 antagonist. Adenosine 2',5'-diphosphate sodium exhibits non-selective antagonism at recombinant and human platelet P2X1 receptors[1][2].
IC_{50} & Target	P2Y1 Receptor
In Vitro	Adenosine 2',5'-diphosphate non-selectively antagonizes the platelet P2X1 ion channel[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Boyer JL, et al. Identification of competitive antagonists of the P2Y1 receptor. Mol Pharmacol. 1996;50(5):1323-1329.

[2]. Toth-Zsamboki E, et al. The P2Y1 receptor antagonist adenosine-2',5'-diphosphate non-selectively antagonizes the platelet P2X1 ion channel. Thromb Haemost. 2001;86(5):1338-1339.

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