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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

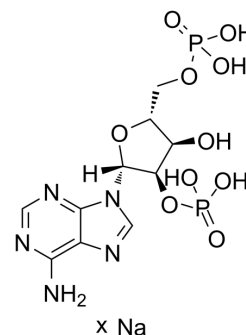
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Adenosine 2',5'-diphosphate sodium

Cat. No.:	HY-N7740
CAS No.:	154146-84-6
Molecular Formula:	C ₁₀ H ₁₅ N ₅ O 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 ₂ O : 50 mg/mL (Need ultrasonic and warming)
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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]} .
IC₅₀ & Target	Human Endogenous Metabolite
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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA