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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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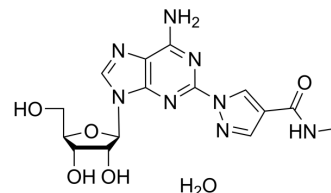
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Regadenoson hydrate

Cat. No.:	HY-A0168A
CAS No.:	875148-45-1
Molecular Formula:	C ₁₅ H ₂₀ N ₈ O ₆
Molecular Weight:	408.37
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Regadenoson hydrate (NSC 169186) is a selective A_{2A} adenosine receptor agonist and vasodilator that increases coronary blood flow, can be used in study of myocardial perfusion imaging. Regadenoson hydrate also increases the permeability of the blood-brain barrier (BBB) in rodents, can be used to study increased delivery of agents to the human CNS^{[1][2]}.

REFERENCES

- [1]. Trochu JN, et al. Selective A_{2A} adenosine receptor agonist as a coronary vasodilator in conscious dogs: potential for use in myocardial perfusion imaging. *J Cardiovasc Pharmacol.* 2003 Jan;41(1):132-9.
- [2]. Jackson S, et al. The effect of regadenoson-induced transient disruption of the blood-brain barrier on temozolomide delivery to normal rat brain. *J Neurooncol.* 2016 Feb;126(3):433-9.

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

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