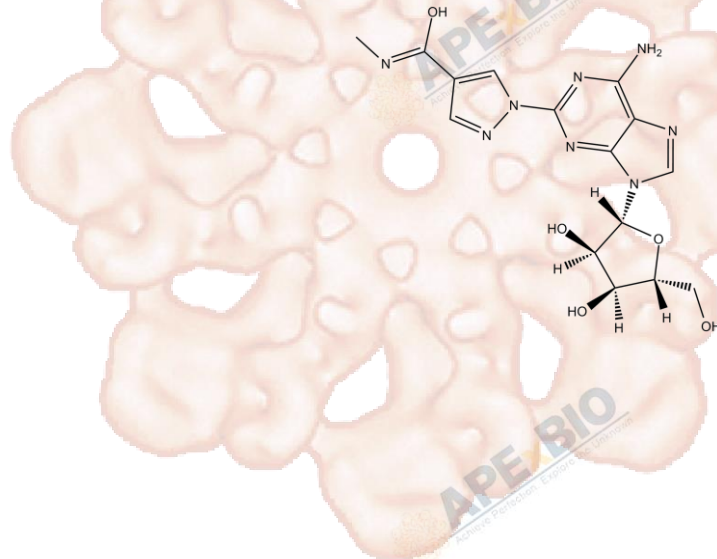


Product Data Sheet

Regadenoson

Cat. No.:	B5904
CAS No.:	313348-27-5
Formula:	C ₁₅ H ₁₈ N ₈ O ₅
M.Wt:	390.35
Synonyms:	
Target:	GPCR/G protein
Pathway:	Adenosine Receptor
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥18.05 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.5618 mL	12.8090 mL	25.6180 mL
	5 mM		0.5124 mL	2.5618 mL	5.1236 mL
	10 mM		0.2562 mL	1.2809 mL	2.5618 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Highly selective and low affinity A_{2A} adenosine agonist

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. White KL, Eddy MT, et al. "Structural Connection between Activation Microswitch and Allosteric Sodium Site in GPCR Signaling." Structure. 2018 Feb 6;26(2):259-269.e5.PMID:29395784

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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