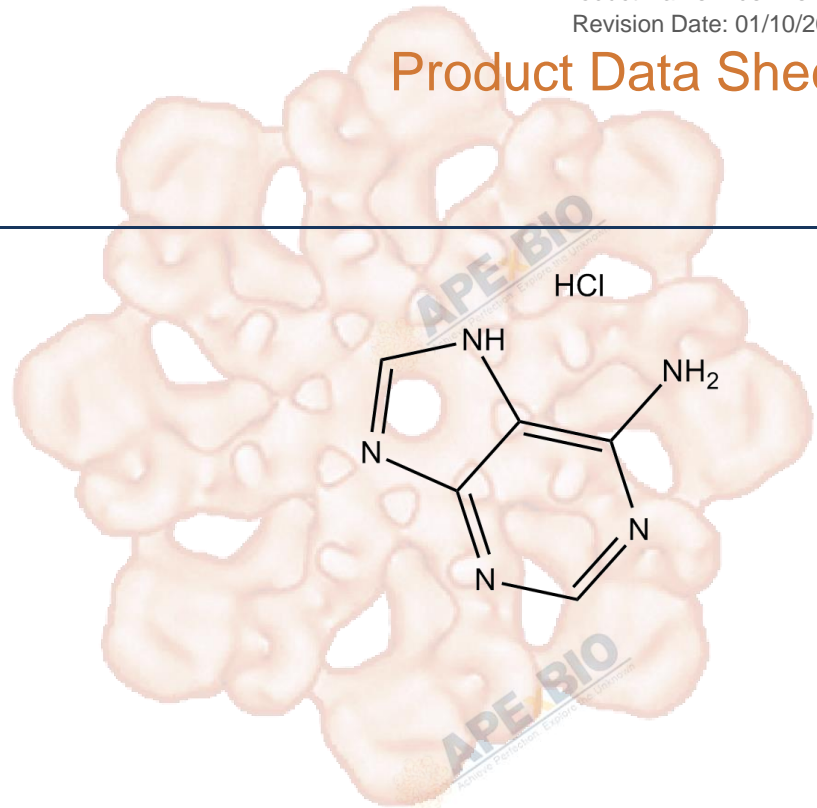


Product Data Sheet

Adenine HCl

Cat. No.:	B1471
CAS No.:	2922-28-3
Formula:	C ₅ H ₅ N ₅ ·HCl
M.Wt:	171.59
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 11.5 mg/mL in DMSO with gentle warming; ≥ 6.91 mg/mL in H₂O with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	5.8278 mL	29.1392 mL	58.2785 mL
	5 mM	1.1656 mL	5.8278 mL	11.6557 mL
	10 mM	0.5828 mL	2.9139 mL	5.8278 mL

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

Biological Activity

Shortsummary

Adenine receptor agonist

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

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 APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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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