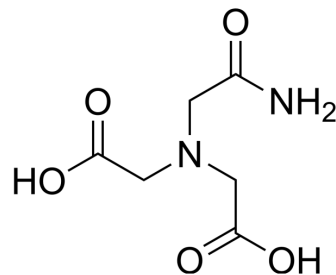


ADA

Cat. No.:	HY-D0855		
CAS No.:	26239-55-4		
Molecular Formula:	C ₆ H ₁₀ N ₂ O ₅		
Molecular Weight:	190.15		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 5 mg/mL (26.30 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	5.2590 mL	26.2950 mL	52.5901 mL
	5 mM	1.0518 mL	5.2590 mL	10.5180 mL
	10 mM	0.5259 mL	2.6295 mL	5.2590 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: PBS Solubility: 10 mg/mL (52.59 mM); Clear solution; Need ultrasonic			

BIOLOGICAL ACTIVITY

Description	ADA is a biological buffer ^[1] . ADA can serve as a chelator ^[2] .
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REFERENCES

[1]. T Minami, et al. Identification of metallothionein isoforms with capillary zone electrophoresis using a polyacrylamide-coated tube. J Chromatogr B Biomed Appl. 1996 Oct 25;685(2):353-9.

[2]. Birte M Gerken, et al. Tweezing-adsorptive bubble separation. Analytical method for the selective and high enrichment of metalloenzymes. Anal Chem. 2005 Oct 1;77(19):6113-7.

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

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