



LKT Laboratories, Inc.

Adenine

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Product Information

Product ID A1318

CAS No. 73-24-5

Chemical Name 1H-Purin-6-amine

Synonym 1,6-Dihydro-6-aminopurine, Leuco-4, Vitamin B4

Formula C₅H₅N₅

Formula Wt. 135.13

Melting Point 360-365°C(dec.)

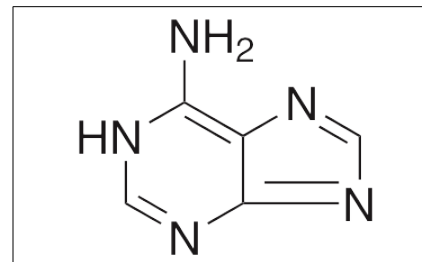
Purity ≥98%

Solubility Slightly soluble in alcohol or water. Insoluble in ether or chloroform.

Store Temp Ambient

Ship Temp Ambient

Description Adenine is a purine nucleotide base that is involved in the synthesis of RNA and DNA. Adenine also plays roles in cellular respiration as a component of ATP, NAD, and FAD.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A1318	5 g	\$43.00
A1318	10 g	\$69.80
A1318	25 g	\$127.30
A1318	100 g	\$220.00

References Nakamura M, Bhatnagar A, Sadoshima J. Overview of pyridine nucleotides review series. Circ Res. 2012 Aug 17;111(5):604-10. PMID: 22904040.

Klingenberg M. Molecular aspects of the adenine nucleotide carrier from mitochondria. Arch Biochem Biophys. 1989 Apr;270(1):1-14. PMID: 2648994.

Bloch A. The structure of nucleosides in relation to their biological and and biochemical activity: a summary. Ann N Y Acad Sci. 1975 Aug 8;255:576-96. PMID: 53023.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.