

Adenine

Cat. No. CEGZ-50291

Lot. No. (See product label)

Introduction

Description

Adenine (6-aminopurine, also known as vitamin B4) is a purine base that is a fundamental component of nucleic acids, ATP and numerous coenzymes. It appears as a white to yellowish crystalline powder, sometimes forming needles. This product is manufactured by a hydrolysis and enzymatic process under an in-house standard.

Applications

Cell culture and fermentation media component; biochemical reagent; intermediate for antiviral and antitumor drug synthesis; vitamin B4 production

Synonyms

6-Aminopurine; Vitamin B4; 1H-Purin-6-amine

Product Information

Appearance

White to yellowish crystalline powder, sometimes as needles

Form

Powder

CAS No.

73-24-5

Molecular Formula

C₅H₅N₅

Molecular Weight

135.13

Purity

In-house standard

Notes

For research and development use only.

Storage and Shipping Information

Storage

Store in a tightly closed container in a cool, dry place.