

Blasticidin S Hydrochloride

Cat. No. CEI-0633

Lot. No. (See product label)

Introduction

Description

Blasticidin S is a peptide nucleoside antibiotic that is used as a selection agent for transformed cells that contain the resistance genes bls, bsr, or BSD. It specifically inhibits protein synthesis in both prokaryotes and eukaryotes by interfering with the peptide bound formation in the ribosomal machinery

Synonyms

Blasticidine S

Product Information

Appearance

Liquid

CAS No.

3513-03-9

Molecular Formula

$C_{17}H_{26}N_8O_5 \cdot HCl$

Molecular Weight

462.5

Purity

>95% by HPLC

Targets

Protein Synthesis

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack