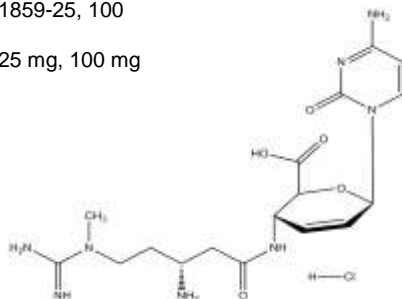


Blasticidin S Hydrochloride

ALTERNATE NAME: Blasticidine S
CATALOG #: 1859-25, 100
AMOUNT: 25 mg, 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₂₆N₆O₅ · HCl
MOLECULAR WEIGHT: 458.90
CAS NUMBER: 3513-03-9
APPEARANCE: White to off-white solid
SOLUBILITY: Water
PURITY: ≥98% by HPLC
STORAGE: Store at -20 °C

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

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS

- Cycloheximide (Cat. No. 1041-1G, 5G)
- Cycloheximide (100 mM) (Cat. No. 1041-1)
- G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)
- Puromycin DiHydrochloride (Cat. No. 1860-25, 100, 250, 500, 1000)
- EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)