

Certificate of Analysis

PRODUCT:

Chymostatin (microbial)

[(S)-1-Carboxy-2-phenylethyl)-carbamoyl- α -[2-iminohexahydro-4(S)-pyrimidyl]- (S)-glycyl-Xphenylalaninal]

M.W. 604.24 (average of A, B, C forms),

CAS# [9706-44-2], RTECS: GC3047700

C₂₅H₃₀N₆O₅•X X=Leu (A)+Val (B)+Ile (C)

PRODUCT NUMBER:

C-1469

LOT NUMBER:

L1412

APPEARANCE:

White to off-white powder

SOLUBILITY:

Up to 20 mg/ml in DMSO

Up to 10 mg/ml in 5% Glacial Acetic Acid

**PERCENTAGE OF
X COMPONENT:**

SPECIFICATIONS:

Leu, Ile, Val & Phe are
detected.

Leu, Ile & Val ratio are
reported

RESULTS:

A (Leu) 66%

B (Val) 20%

C (Ile) 14%

ACTIVITY (IC₅₀):

≤0.13 µg/tube (2ml) (-chymotrypsin/casein, pH 7.4, 37°C)

LOSS ON DRYING:

<5.0%

COUNTRY OF ORIGIN:

United States

STORAGE & HANDLING:

Store desiccated at -20°C. **PROTECT FROM LIGHT!**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: EV