

leishmanolysin

Cat. No. EXWM-4318

Lot. No. (See product label)

Introduction

Description

A membrane-bound glycoprotein found on the promastigote of various species of Leishmania protozoans. Contains consensus sequence for a zinc-binding site; Z-Tyr-Leu-NHOH is a strong inhibitor. The enzyme can activate its proenzyme by cleavage of the Val100↓Val bond. An acid pH optimum is found with certain protein substrates. Type example of peptidase family M8

Synonyms

promastigote surface endopeptidase; glycoprotein gp63; Leishmania metalloproteinase; surface acid proteinase; promastigote surface protease

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.36

CAS No.

161052-06-8

Reaction

Preference for hydrophobic residues at P1 and P1' and basic residues at P2' and P3'. A model nonapeptide is cleaved at -Ala-Tyr↓Leu-Lys-Lys-

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.