

Certificate of Analysis

PRODUCT:	Feglymycin C₉₅H₉₇N₁₃O₃₀, M.W. 1900.9, CAS# [209335-49-9]
PRODUCT NUMBER:	F-2423
LOT NUMBER:	L1490
APPEARANCE:	Tan Solid
SOLUBILITY:	Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.
Source:	<i>Streptomyces sp.</i>
Purity:	>95% by HPLC
Application Notes:	Feglymycin is an amphoteric, 13-member, linear peptide featuring 3,5-dihydroxyphenylalanine and a terminal dicarboxylate amino acid, isolated from a <i>Streptomyces</i> in 1999. Feglymycin is a potent antiviral agent with antibacterial activity, including against MRSA. Feglymycin specifically inhibits the enzymes MurA and MurC and inhibits cell-to-cell transfer between HIV-Infected T cells, uninfected CD4+ T cells, and the DC-SIGN-mediated viral transfer to CD4+ T cells.
STORAGE & HANDLING:	Store desiccated at -20°C CAUTION: For research 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:	PC