PRODUCT DATA SHEET

Feglymycin

Code No.: BIA-F1420
Pack sizes: 1 mg, 5 mg

Synonyms:

Specifications
CAS #: 209335-49-9
Molecular Formula: C_{95}H_{97}N_{13}O_{30}
Molecular Weight: 1900.9
Source: Streptomyces sp.
Appearance: Tan solid
Purity: >95% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes
Feglymycin is an amphoteric, 13-member, linear peptide featuring 3,5-dihydroxyphenylalanine and a terminal dicarboxylate amino acid, isolated from a Streptomyces 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.

References

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