PRODUCT DATA SHEET

Code No.: BIA-L1139
Pack sizes: 1 mg, 5 mg

Luzopeptin A

Synonyms: BBM-928A

Specifications
CAS #: 75580-37-9
Molecular Formula: C_{64}H_{78}N_{14}O_{24}
Molecular Weight: 1427.4
Source: Actinomadura sp. (luzonensis)
Appearance: Tan solid
Purity: >99% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in DMF or DMSO. Moderately soluble in methanol or ethanol. Poor water solubility.

Application Notes
Luzopeptin A is a member of the echinomycin (quinomycin A) class of antitumor and antibiotic agents that act by forming a stable DNA complex by bis-intercalation. Luzopeptin A is also a potent inhibitor of HIV-1 reverse transcriptase.

References