

**Product Name:** Quinaldopeptin

**Product Number:** Q005

**CAS Number:** 130743-07-6

**Molecular Formula:**  $C_{62}H_{78}N_{14}O_{14}$

**Molecular Weight:** 1243.4

**Appearance:** Yellow Powder

**Storage Conditions:** -20°C

**Description:** Quinaldopeptin is a symmetrical, cyclic decapeptide from an Amycolatopsis sp. that is a bis-intercalator of DNA, exhibiting strong in vitro antimicrobial and cytotoxic activity. Quinaldopeptin significantly prolongs the survival time of mice inoculated with a murine tumor, and also shows weak nematocidal activity. Quinaldopeptin is related to the luzopeptins and sandramycin.

Quinaldopeptin is soluble in DMF and DMSO and is moderately soluble in methanol or ethanol.