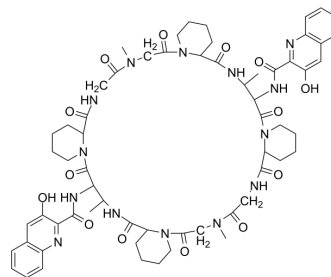


## Quinaldopeptin

<b>Cat. No.:</b>	HY-136295
<b>CAS No.:</b>	130743-07-6
<b>Molecular Formula:</b>	C <sub>62</sub> H <sub>78</sub> N <sub>14</sub> O <sub>14</sub>
<b>Molecular Weight:</b>	1243.37
<b>Target:</b>	Antibiotic; Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Quinaldopeptin, a quinomycin antibiotic isolated from the culture of <i>Streptoverticillium album</i> strain, is highly active against Gram-positive bacteria and anaerobes and strongly cytotoxic against cultured B16 melanoma cells <sup>[1]</sup> .
<b>In Vitro</b>	Quinaldopeptin is quite active against B16-F10 cells with IC <sub>50</sub> values approximately 3-fold superior to that of chromomycin A <sub>3</sub> <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	Quinaldopeptin shows slight prolongation of life-span in P388-bearing mice at 0.03~0.01 mg/kg, but the antitumor activities is quite limited <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. S Toda, et al. Quinaldopeptin, a novel antibiotic of the quinomycin family. *J Antibiot (Tokyo)*. 1990 Jul;43(7):796-808.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA