

## Tifuvirtide

<b>Cat. No.:</b>	HY-P35433
<b>CAS No.:</b>	251562-00-2
<b>Molecular Formula:</b>	C <sub>235</sub> H <sub>341</sub> N <sub>57</sub> O <sub>67</sub>
<b>Molecular Weight:</b>	5036.55
<b>Sequence Shortening:</b>	Ac-WQEWEQKITALLEQAQIQQEKNEYELQKLDKWASLWEWF-NH2
<b>Target:</b>	HIV
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Tifuvirtide (T-1249) is a peptide human immunodeficiency virus type-1 (HIV-1) fusion inhibitor. Tifuvirtide is a synthetically designed hybrid retroviral envelope polypeptide. Tifuvirtide has antiretroviral activity. Tifuvirtide can be used for the research of HIV infection<sup>[1]</sup>.

### REFERENCES

[1]. I van den Broek, et al. Development and validation of a quantitative assay for the measurement of two HIV-fusion inhibitors, enfuvirtide and tifuvirtide, and one metabolite of enfuvirtide (M-20) in human plasma by liquid chromatography-tandem mass spectrometry. J Chromatogr B Analyt Technol Biomed Life Sci. 2006 Jun 6;837(1-2):49-58.

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

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