

## Vasculotide TFA

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Vasculotide TFA is an angiopoietin-1 analog and functions as a Tie-2 activator, inducing Tie-2 phosphorylation. It possesses anti-inflammatory properties and enhances barrier function in endotoxin-induced endothelial dysfunction. Additionally, Vasculotide TFA promotes angiogenesis in murine models of diabetic ulcers and protects mice from vascular leakage, reducing mortality in models of abdominal sepsis. It also reduces microvascular leakage and improves microcirculatory perfusion in rat models of hemorrhagic shock.
Targets(IC50)	Tie-2

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