

## Vasculotide

## Chemical Properties

CAS No. : 1359657-45-6

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, an angiopoietin-1 analog, functions as a Tie-2 activator that induces Tie-2 phosphorylation. This compound exhibits anti-inflammatory properties and enhances vascular permeability. It effectively improves endothelial barrier dysfunction induced by endotoxins and promotes angiogenesis in mouse models of diabetic ulcers. Furthermore, Vasculotide protects mice from vascular leakage and reduces mortality in mouse models of abdominal sepsis. Additionally, it decreases microvascular leakage and improves microcirculation perfusion in rat models of hemorrhagic shock.
Targets(IC50)	Tie-2

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481