

VEGF alternative peptide (VEGFR2 agonist)

Code PG-007

MW : 4785.32

Purity: $\geq 95\%$ (HPLC)

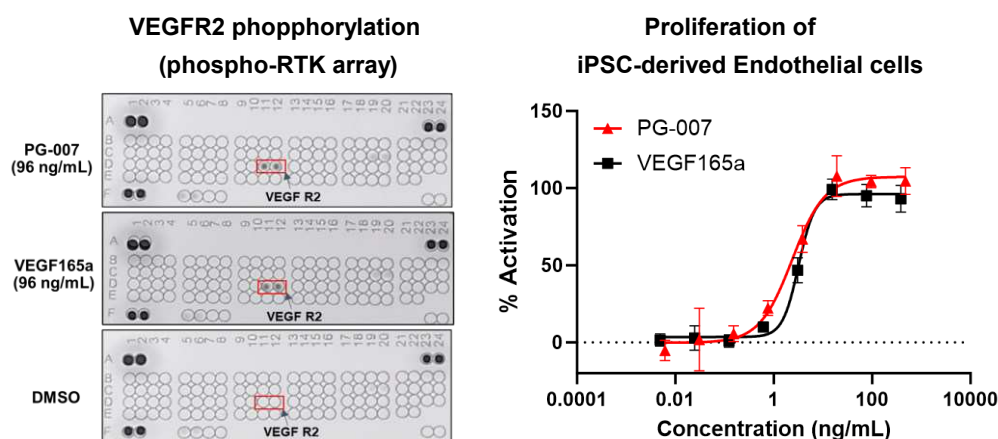
Amount: 5 μg

Formulation: This vial contains 5 μg of the titled compound, which has been lyophilized from 0.2 μm filtered DMSO solution.

Reconstitution: Reconstitute at 100~200 $\mu\text{g}/\text{mL}$ in **DMSO**.
Centrifuge the vial before opening.
Rinse the inside of the vial thoroughly with DMSO.
<Example>
A 100 $\mu\text{g}/\text{mL}$ solution can be prepared by reconstituting 5 μg of peptide in 50 μL DMSO.

Storage: Store at -20°C or below for the container vial unopened.
Recommend to use the peptide as quickly as possible after opening and reconstitution.

Activity: Measured by its ability to induce VEGFR2 phosphorylation and endothelial cell proliferation.
Expected ED_{50} for this proliferation assay is $\sim 3 \text{ ng}/\text{mL}$
Determine optimal concentrations for individual applications.



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