

PDGF-AA alternative peptide

Code: PG-014

MW: 5634.42

Purity: ≥95% (HPLC)

Amount: 5 µg

Formulation: This vial contains 5 µg of the titled compound in lyophilized form.

Reconstitution: Reconstitute at 100~200 µg/mL in **DMSO**

Centrifuge the vial before opening.

Rinse the inside of the vial thoroughly with DMSO.

When further diluting the DMSO solution, we recommend using a buffered solution (e.g., PBS) with a carrier component to prevent peptide adhesion.

<Example>

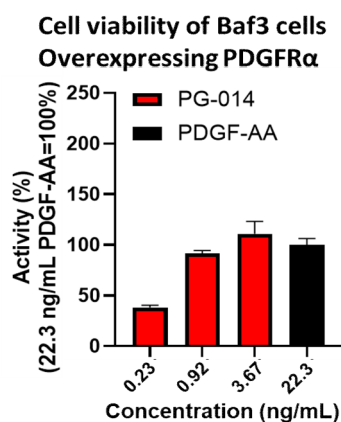
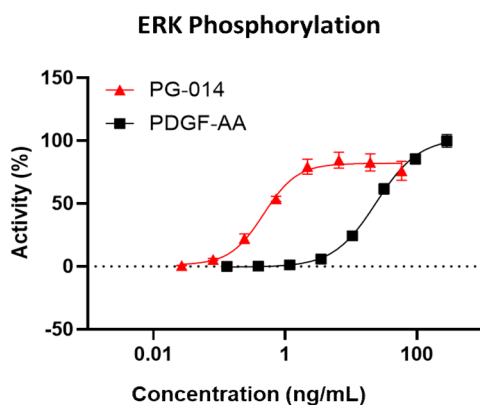
A 100 µg/mL solution can be prepared by reconstituting 5 µg of peptide in 50 µL DMSO.

Storage: Store at -20°C or below.

Activity: Measured by assessing ERK phosphorylation in the downstream signaling of the PDGFRα pathway, using BaF3 cells overexpressing hPDGFRα. Additionally, cell viability was evaluated in the same BaF3 cells overexpressing hPDGFRα.

The expected EC50 for these effects is 0.2~1 ng/mL.

Evaluation Guideline: PG-014 is expected to **exhibit comparable activity at 1/5 (ng/mL basis) of rPDGF-AA concentration.** Determine the optimal concentration under your test conditions by starting at 1/5 of rPDGF-AA and testing at several points around this concentration, such as 1/3 and 1x of rPDGF-AA.



This product is "For Research Use Only"