

HGF alternative peptide (c-Met agonist)

Code	PG-001
MW (Acetate):	4825.39
Purity:	≥95% (HPLC)
Amount:	5 µg

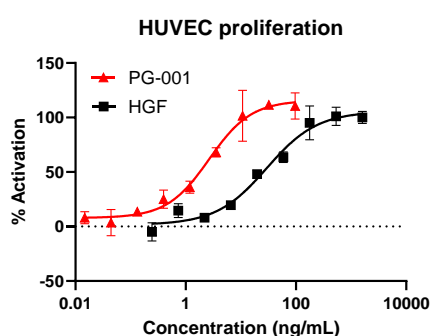
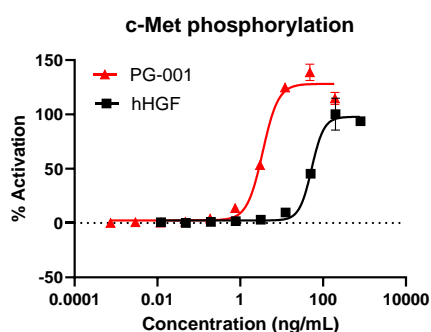
Formulation: This vial contains 5 µg of the titled compound, which has been lyophilized from 0.2 µm filtered DMSO solution.

Reconstitution: Reconstitute at 100~200 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 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 cMet phosphorylation in A431 cells (www.atcc.org) and HUVEC proliferation.
Expected ED₅₀ for these effects is 3~5 ng/mL

Evaluation Guideline: PG-001 is expected to **exhibit comparable activity at 1/8 to 1/16 (ng/mL basis) of rHGF**. Determine the optimal concentration under your test conditions by starting at 1/16 of rHGF and selecting at least two higher concentrations (e.g., 1/8 and 1/4). Please note that PG-001 is specific to human c-Met.



This product is "For Research Use Only"