

FGF2 alternative peptide (FGFR1c agonist)

Code	PG-011
MW (Acetate):	5127.81
Purity:	≥95% (HPLC)
Amount:	50 µg

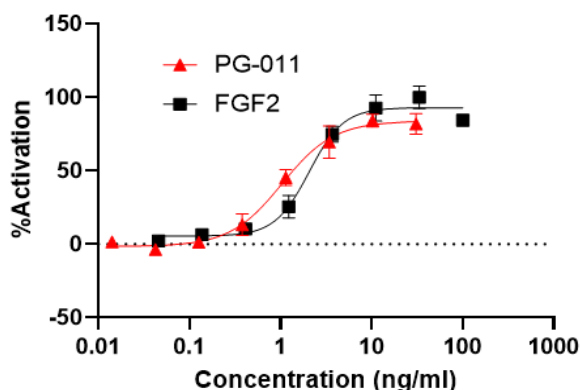
Formulation: This vial contains 50 µg of the titled compound, which has been lyophilized from 0.2 µm filtered DMSO solution.

Reconstitution: Reconstitute at 100~200 µg/mL in **DMSO**.
 Centrifuge the vial before opening.
Rinse the inside of the vial thoroughly with DMSO.
 <Example>
 A 200 µg/mL solution can be prepared by reconstituting 50 µg of peptide in 250 µL DMSO.

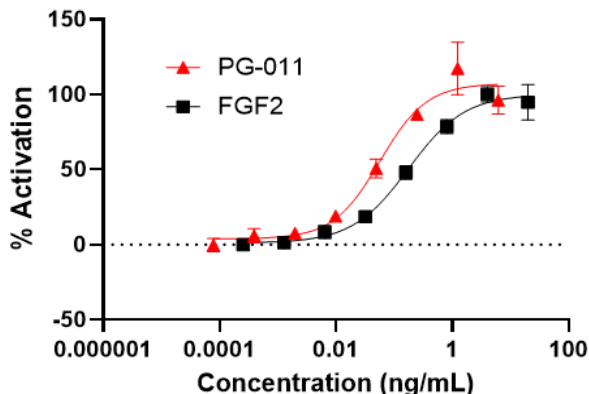
Storage: Store at -20°C or below for the container vial unopened.
 Recommend to use the peptide as quickly as possible after opening and reconstitution.

Measured by its ability to induce phosphorylation of human FGFR1c in BaF3 cells overexpressing human FGFR1c, as well as through a proliferation assay using human mesenchymal stem cells (MSCs) derived from bone marrow.
The expected ED50 for these effects is 0.1~1.5 ng/mL.
 Determine optimal concentrations for individual applications.

Phosphorylation of FGFR1c



Proliferation of human MSCs



This product is "For Research Use Only"