

BMP7 selective inhibitor

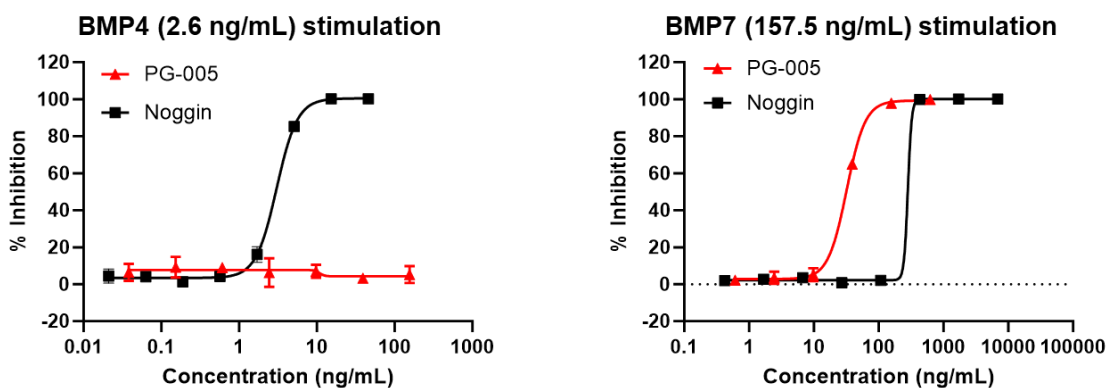
Code	PG-005
MW (Acetate):	2085.29
Purity:	≥95% (HPLC)
Amount:	5 µg

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.
<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 inhibit smad1 phosphorylation induced by BMP4(2.6 ng/mL) or BMP7(157.5 ng/mL) in A549 cell.
Expected IC₅₀ for BMP7 is~30 ng/mL under this condition.
Determine optimal concentrations for individual applications.



This product is "For Research Use Only"