

Wnt3a alternative peptide (β -catenin pathway agonist)

Code	PG-008
MW (Acetate):	5099.63
Purity:	$\geq 95\%$ (HPLC)
Amount:	10 μg

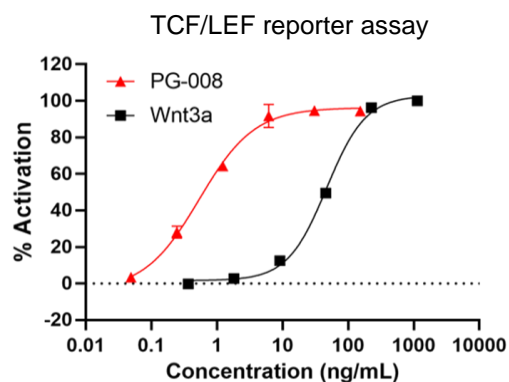
Formulation: This vial contains 10 μg of the titled compound, which has been lyophilized from 0.2 μm filtered DMSO solution.

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.
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 $\mu\text{g}/\text{mL}$ solution can be prepared by reconstituting 10 μg of peptide in 100 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 TCF/LEF reporter activity
Expected ED50 for this effect is ~ 0.3 ng/mL

Evaluation Guideline: PG-008 is expected to **exhibit comparable activity at 1/50 to 1/100 of rWnt3a (ng/mL basis)**. Determine the optimal concentration under your test conditions by starting at **1/100 of rWnt3a and selecting at least two higher concentrations, such as 1/50 and 1/25**.
If there is no reference concentration for rWnt3a, **first test within the range of 1 to 10 ng/mL**, and if feasible, also include tests at 0.1 ng/mL and 50 ng/mL.



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