

## TPO alternative peptide (TPOR agonist)

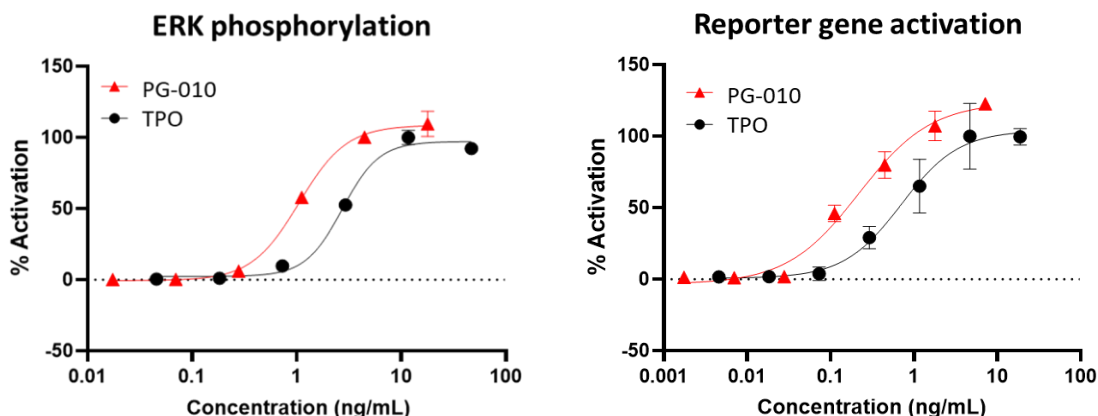
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|----------------------|-------------|
| <b>Code</b>          | PG-010      |
| <b>MW (Acetate):</b> | 7148.02     |
| <b>Purity:</b>       | ≥95% (HPLC) |
| <b>Amount:</b>       | 25 µg       |

**Formulation:** This vial contains 25 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 25 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 ERK in the downstream  
**Activity:** signaling of the TPO signaling pathway, as well as by the reporter gene activation assay on the JAK2-STAT5 signaling pathway.  
**The expected ED50 for these effects is 0.25~1.5 ng/mL.**  
Determine optimal concentrations for individual applications.



**This product is "For Research Use Only"**