

TGF β 1 inhibitor (TGF β 1 binding peptide)

Code	PG-002
MW (Acetate):	2587.90
Purity:	>95% (HPLC)
Amount:	10 μ g

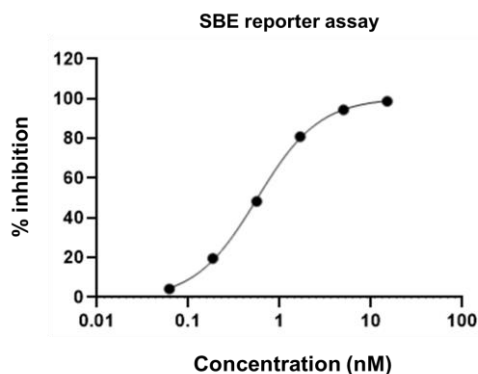
Formulation: This vial contains 10 μ g of the titled compound, which has been lyophilized from 0.2 μ m filtered DMSO solution.

Reconstitution: Reconstitute at 50~ 500 μ M 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>
100 μ M solution prepared when 10 μ g peptide reconstituted by 38.6 μ L 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 SBE reporter activity induced by 0.13 nM TGF β 1. **Expected IC₅₀ value for this effect is ~1.2 nM.**

Evaluation Guideline: PG-002 is expected to show activity within a 1–50 nM range. Determine the optimal concentration under your test conditions by testing within this range.



This product is "For Research Use Only"