

## Abicipar pegol

Cat. No.:	HY-P99416
CAS No.:	1327278-94-3
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Abicipar pegol (AGN-150998, MP0112) is an anti-VEGF DARPIn molecule, a novel class of small proteins containing ankyrin repeat domains engineered to bind with high specificity and affinity to target proteins. Abicipar pegol effectively inhibits angiogenesis and vascular permeability and is used in the study of diseases related to ocular inflammation by intravitreal injection, reducing mean retinal thickness and leakage area<sup>[1][2]</sup>.

### REFERENCES

[1]. Gerard A Rodrigues, et al. Functional Characterization of Abicipar-Pegol, an Anti-VEGF DARPIn Therapeutic That Potently Inhibits Angiogenesis and Vascular Permeability. Invest Ophthalmol Vis Sci. 2018 Dec 3;59(15):5836-5846.

[2]. Sepehr Bahadorani, et al. Recent advances in the management and understanding of macular degeneration. F1000Res. 2017 Apr 20;6:519.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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