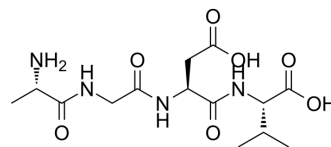


## AGDV

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P3537  |
| CAS No.:             | 99896-90-9  |
| Molecular Formula:   | C <sub>14</sub> H <sub>24</sub> N <sub>4</sub> O <sub>7</sub>                             |
| Molecular Weight:    | 360.36  |
| Sequence Shortening: | AGDV  |
| Target:              | Others  |
| Pathway:             | Others  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | AGDV is the $\gamma$ chain of fibrinogen. AGDV is critical for platelet aggregation <sup>[1][2]</sup> .   |
| In Vitro    | AGDV (50 $\mu$ M) inhibits platelet adherence by 40.2% <sup>[1]</sup> .<br>AGDV does not inhibit fibrinogen binding to ADP-stimulated platelets <sup>[2]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

## REFERENCES

- [1]. Lawrence JB, et al. Arginine-glycine-aspartic acid- and fibrinogen gamma-chain carboxyterminal peptides inhibit platelet adherence to arterial subendothelium at high wall shear rates. An effect dissociable from interference with adhesive protein binding. J Clin Invest. 1990 Nov;86(5):1715-22.
- [2]. Plow EF, et al. The effect of Arg-Gly-Asp-containing peptides on fibrinogen and von Willebrand factor binding to platelets. Proc Natl Acad Sci U S A. 1985 Dec;82(23):8057-61.

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

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