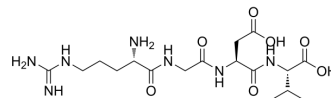


RGDV

Cat. No.:	HY-P3052
CAS No.:	93674-99-8
Molecular Formula:	C ₁₇ H ₃₁ N ₇ O ₇
Molecular Weight:	445.47
Sequence Shortening:	RGDV
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RGDV is a platelet aggregation inhibitor. RGDV inhibits platelet-dependent thrombus formation. RGDV is used for tumor recognition via the targeting effect ^{[1][2]} .
In Vitro	RGDV (25-100 nM; thrombus vessel model) selectively inhibits platelet-dependent thrombus formation and decreases the accumulation of both platelets and fibrin on the collagen substrate in a dose-response manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Cadroy Y, et, al. RGDV peptide selectively inhibits platelet-dependent thrombus formation in vivo. Studies using a baboon model. J Clin Invest. 1989 Sep;84(3):939-44.
- [2]. Wang F, et, al. Preparation and biological evaluation of tumor-specific Ara-C liposomal preparations containing RGDV motif. J Pharm Sci. 2012 Dec;101(12):4559-68.

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

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