



Product Information

Product ID A2412

CAS No.

Chemical Name

Synonym

Formula $C_{14}H_{22}N_4O_7$

Formula Wt. 360.37

Melting Point

Purity ≥95%

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description AGDV is a C-terminal peptide sequence found on fibrinogen that is known as a binding site for glycoprotein IIb/IIIa (integrin αIIbβ3); this binding is required for platelet adhesion and aggregation.

H-Ala-Gly-Asp-Val-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A2412	5 mg	\$168.00
A2412	10 mg	\$273.00
A2412	25 mg	\$535.50

References Srokowski EM, Woodhouse KA. Evaluation of the bulk platelet response and fibrinogen interaction to elastin-like polypeptide coatings. J Biomed Mater Res A. 2014 Feb;102(2):540-51. PMID: 23505204.

Podolnikova NP, Gorkun OV, Loreth RM, et al. A cluster of basic amino acid residues in the gamma370-381 sequence of fibrinogen comprises a binding site for platelet integrin alpha(IIb)beta3 (glycoprotein IIb/IIIa). Biochemistry. 2005 Dec 27;44(51):16920-30. PMID: 16363805.

Liu Q, Rooney MM, Kasirer-Friede A, et al. Role of the gamma chain Ala-Gly-Asp-Val and Aalpha chain Arg-Gly-Asp-Ser sites of fibrinogen in coaggregation of platelets and fibrinogen-coated beads. Biochim Biophys Acta. 1998 Jun 11;1385(1):33-42. PMID: 9630497.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.