



Product Information

Product ID R2512
CAS No. 99896-85-2
Chemical Name Arginyl-glycyl-aspartic acid

Synonym

Formula $C_{12}H_{22}N_6O_6$
Formula Wt. 346.3
Melting Point
Purity $\geq 95\%$
Solubility Soluble in water (10 mg/mL). Insoluble in ethanol, DMSO.

Store Temp -20°C
Ship Temp Ambient

Description RGD is a peptide that delivers attached compounds to targets such as thrombus or tumor cells; it enhances efficacy of anticancer and anti-aggregation or anti-adhesion compounds. RGD binds integrins on the surfaces of cells. TEST!!!!!!

Arg-Gly-Asp

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R2512	5 mg	\$63.00
R2512	10 mg	\$107.00
R2512	25 mg	\$189.00

- References** Guo Z, He B, Jin H, et al. Targeting efficiency of RGD-modified nanocarriers with different ligand intervals in response to integrin $\alpha v\beta 3$ clustering. *Biomaterials*. 2014 Apr 30. [Epub ahead of print]. PMID: 24794924.
- Li Y, Zheng X, Sun Y, et al. RGD-fatty alcohol-modified docetaxel liposomes improve tumor selectivity in vivo. *Int J Pharm*. 2014 Apr 4;468(1-2):133-141. [Epub ahead of print]. PMID: 24709214.
- Zhao M, Wang C, Jiang X, et al. Synthesis of RGD containing peptides and their bioactivities. *Prep Biochem Biotechnol*. 2002 Nov;32(4):363-80. PMID: 12455829.
- Preferred conformations of RGD tetrapeptides to inhibit the binding of fibrinogen to platelets. Park HS, Kim C, Kang YK. *Biopolymers*. 2002 Apr 15;63(5):298-313. PMID: 11877740.

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