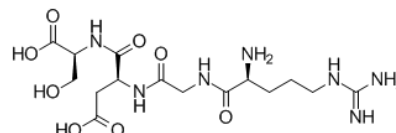


Product Name : RGDS peptide
Cat. No. : PC-42953
CAS No. : 91037-65-9
Molecular Formula : C₁₅H₂₇N₇O₈
Molecular Weight : 433.417
Target : Integrin
Solubility : DMSO: ≥ 55 mg/mL



Biological Activity

RGDS peptide (Arg-Gly-Asp-Ser) is a integrin binding sequence that inhibits integrin receptor function, a tetrapeptide analogue of the cell attachment site of fibronectin; decreases systemic inflammation via inhibition of collagen-triggered activation of leukocytes and attenuates expression of inflammatory cytokines, iNOS and MMP-9; inhibits thrombin-induced binding of platelets to fibronectin, fibrinogen α , and von Willebrand factor with IC₅₀ of 10 μ M.

References

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Moon C, et al. Respir Res. 2009 Mar 9;10:18.
Droppelmann CA, et al. J Biol Chem. 2009 May 15;284(20):13551-61.
Gartner TK, et al. J Biol Chem. 1985 Oct 5;260(22):11891-4.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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