

Rev03
Update: Feb,10,2022

DATASHEET

Arg-Gly-Asp-Ser

Cat. No.: RP10861

Overview

Synonyms	RGDS
Description	R-G-D-S, Arg-Gly-Asp-Ser, supports fibroblast attachment and inhibits fibronectin binding to platelets. It is the target sequence for syphilis spirochete adherence. RGDS increases ILK activity and the tyrosine phosphorylation of HMC proteins as well. In the case of tyrosine kinases, similar effects have been demonstrated in other cell types whereas the involvement of ILK, a serine-threonine kinase, in RGD effects has been less studied. To test the relevance of these two types of kinases in the stimulation of TGF- β 1 synthesis by RGDS, activities were blocked by pharmacological or transfection means.
Cas No	91037-65-9
Sequence	{ARG}{GLY}{ASP}{SER}
Sequence Shortening	RGDS
Molecular Formula	C ₁₅ H ₂₇ N ₇ O ₈
Molecular Weight	433.42

Properties

Purity	> 95%
Solubility	This peptide is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed.
Note	Exhibits cell attachment promoting activity

Examples

