

Rev03
Update: Feb,10,2022

DATASHEET

Gly-Arg-Gly-Asp-Ser

Cat. No.: RP10848

Overview

Synonyms	GRGDD; GLY-ARG-GLY-ASP-SER
Description	The synthetic peptide Gly-Arg-Gly-Asp-Ser (GRGDS) mimics the cellular binding site of many adhesive proteins in the extracellular matrix and causes rounding and detachment of spread cells. The GRGDS (Gly-Arg-Gly-Asp-Ser) peptide has intermediate affinity to V3 and IIb3, which are the integrins most reported to be involved in bone function.
Sequence	{GLY}{ARG}{GLY}{ASP}{SER}
Sequence Shortening	GRGDS
Molecular Formula	C ₁₇ H ₃₀ N ₈ O ₉
Molecular Weight	490.5

Properties

Purity	> 95%
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.