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## GRGDS Peptide

Catalog Number: Y-0108

AA Seq: Gly-Arg-Gly-Asp-Ser

Activity: Yes

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: CAS Number: 96426-21-0

Molecular Weight: 490.21

Solubility: water or 5% acetic acid

GRGDS is a cell binding protein domain derived from the cell-binding region of fibronectin.

Osteopontin uses this motif for cell adhesion. This peptide includes the RGD (Arg-Gly-Asp) sequence found in many extracellular matrix adhesive proteins. GRGDS is a synthetic antagonist of integrin function and competitively inhibits direct fibroblast binding to fibronectin.