



Product Information

Product ID R2112

CAS No.

Chemical Name

Synonym

Formula $C_{22}H_{33}N_7O_8$

Formula Wt. 523.5

Melting Point

Purity $\geq 98\%$

Solubility Soluble in water (1 mg/mL).

Arg-Phe-Asp-Ser

Bulk quantities available upon request

Product ID	Size
R2112	5 mg

Store Temp -20°C

Ship Temp Ambient

Description RFDS is often used as a negative control for RGD peptide activity. RFDS exhibits immunomodulatory activity; it contains a peptide sequence homologous with the B1-domain region of a MHC class II antigen from CD4.

References Iwao Y, Fujimura T. Activation of *Xenopus* eggs by RGD-containing peptides accompanied by intracellular Ca^{2+} release. *Dev Biol.* 1996 Aug 1;177(2):558-67. PMID: 8806831.

Mazerolles F, Durandy A, Piatier-Tonneau D, et al. Immunosuppressive properties of synthetic peptides derived from CD4 and HLA-DR antigens. *Cell.* 1988 Nov 4;55(3):497-504. PMID: 3263212.

Auffray C, Novotny J. Speculations on sequence homologies between the fibronectin cell-attachment site, major histocompatibility antigens, and a putative AIDS virus polypeptide. *Hum Immunol.* 1986 Apr;15(4):381-90. PMID: 3009364.

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