

Synthetic Ac-TVASSSTA Octapeptide

Catalog No.	CRP243B	Quantity:	5 mg
	CRP243C		10 mg

Description: Ac-TVASSSTA is an Octapeptide mimic of the N-terminal residues of the reactive center loop of PAI-1 (cf. P14-P7 residues). The Octapeptide inactivates PAI-1 by substituting for strand 4 in beta-sheet A in a manner that competes with formation of the latent species. Insertion of the peptide into beta-sheet A effectively forms a stable complex that converts PAI-1 into a substrate for tissue-type plasminogen activator (tPA) and other target proteinases. The resulting species of PAI-1 is thermodynamically stable and is useful for investigating the role of reactive center loop insertion.

Molecular Weight: 765 Daltons

Formulation: Lyophilized from a salt free buffer

Reconstitution: **Centrifuge vial prior to opening.** Reconstitute in 0.1 M HEPES, 0.1 M NaCl, pH 7.4, or in most other aqueous buffers.

Storage & Stability: Store at -80°C. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

