



LKT Laboratories, Inc.

Peptide B, cow

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## Product Information

Product ID P1766

CAS No.

Chemical Name

Synonym

Formula  $C_{98}H_{145}N_{25}O_{26}S_2$

Formula Wt. 2153.49

Melting Point

Purity  $\geq 95\%$

Solubility

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** Peptide B is a fibrinogen-like peptide that acts as a vascular vasoconstrictor. In vivo, it exhibits hemostatic activity, decreasing bleeding time. Peptide B also accelerates effects associated with superprecipitation of myosin B.

H-Cys-Pro-Asp-Phe-Gly-His-Ile-  
Ala-Met-Glu-Leu-Ser-Val-Arg-  
Thr-Trp-Lys-Tyr-OH

**Bulk quantities available upon request**

Product ID	Size
P1766	0.5 mg
P1766	1 mg
P1766	2.5 mg

**References** Nichols WW, Mehta J, Wargovich T, et al. Fibrin(ogen)-derived peptide B beta 30-43 increases coronary blood flow in the anesthetized dog. *Thromb Res.* 1985 Jul 15;39(2):223-9. PMID: 3895564.

Osbahr AJ, Custodio R. Action of peptide-B from bovine fibrinogen on ATPase activity and superprecipitation of myosin B. *Am J Physiol.* 1975 Feb;228(2):488-95. PMID: 123418.

Osbahr AJ. The hemostatic effect of bovine peptide-B from fibrinogen. *Thromb Diath Haemorrh.* 1974 Sep 30;32(1):149-56. PMID: 4454037.

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