



LKT Laboratories, Inc.

KGDS

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Product Information

Product ID K2412

CAS No.

Chemical Name

Synonym

Formula $C_{15}H_{27}N_5O_8$

Formula Wt. 405.41

Melting Point

Purity $\geq 95\%$

Solubility

H-Lys-Gly-Asp-Ser-OH

Product ID	Size
K2412	1 mg
K2412	2 mg
K2412	5 mg

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

Ship Temp Ambient

Description KGDS is a synthetic peptide derived from fibrinogen. KGDS activates the glycoprotein IIb/IIIa receptor, inhibiting fibrinogen-platelet binding and thrombin activity.

References Knapp A, Degenhardt T, Dodt J. Hirudisins. Hirudin-derived thrombin inhibitors with disintegrin activity. J Biol Chem. 1992 Dec 5;267(34):24230-4. PMID: 1447173.

Parise LV, Helgerson SL, Steiner B, et al. Synthetic peptides derived from fibrinogen and fibronectin change the conformation of purified platelet glycoprotein IIb-IIIa. J Biol Chem. 1987 Sep 15;262(26):12597-602. PMID: 2957377.

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