



LKT Laboratories, Inc.

ALAL

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Product Information

Product ID A4401

CAS No.

Chemical Name

Synonym

Formula $C_{18}H_{32}N_4O_5$

Formula Wt. 386.5

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description ALAL is a peptide sequence commonly used as a linker to conjugate compounds together to better target delivery of anticancer chemotherapeutics.

H-Ala-Leu-Ala-Leu-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A4401	1 mg	\$25.10
A4401	2 mg	\$44.10
A4401	5 mg	\$75.70

References Schmid B, Chung DE, Warnecke A, et al. Albumin-binding prodrugs of camptothecin and doxorubicin with an Ala-Leu-Ala-Leu-linker that are cleaved by cathepsin B: synthesis and antitumor efficacy. *Bioconjug Chem.* 2007 May-Jun;18(3):702-16. PMID: 17378599.

Mier W, Beijer B, Graham K, et al. Fluorescent somatostatin receptor probes for the intraoperative detection of tumor tissue with long-wavelength visible light. *Bioorg Med Chem.* 2002 Aug;10(8):2543-52. PMID: 12057643.

Fitzpatrick JJ, Garnett MC. Design, synthesis and in vitro testing of methotrexate carrier conjugates linked via oligopeptide spacers. *Anticancer Drug Des.* 1995 Jan;10(1):1-9. PMID: 7695810.

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