



## 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.

H-Ala-Leu-Ala-Leu-OH

**Bulk quantities available upon request**

Product ID	Size
A4401	1 mg
A4401	2 mg
A4401	5 mg

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

**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.

**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.