
Product Data Sheet

Product Name: Boc-Lys(Z)-OH (DCHA)

Cat. No.: GC66483

Chemical Properties

Cas. No. 16948-04-2

Formula $C_{31}H_{51}N_3O_6$ M.Wt 561.75

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

Boc-Lys(Z)-OH (DCHA) is involved in synthesis thymosin β_4 , β_8 and β_9 fragments, and increases E-rosette forming capacity in Lupus Nephritis model. Boc-Lys(Z)-OH (DCHA) involves in synthesis Boc-Lys(Z)-OCH₃ and acts as a reagent of peptidyl thrombin inhibitors production^{[1][2][3]}.

[1]. Abiko, et al. Synthesis of six common amino acid sequence fragments of thymosins beta 4, beta 8 and beta 9 and determination of their effects on the low E-rosette forming cells of lupus nephritis patients. Chemical & pharmaceutical bulletin, 1984.

[2]. Cal PM, et al. Iminoboronates: a new strategy for reversible protein modification. J Am Chem Soc. 2012 Jun 20;134(24):10299-305.

[3]. Van Boeckel, et al. Preparation of peptidyl thrombin inhibitors: World Intellectual Property Organization, WO9807308. 1998-02-26.

Caution: Product has not been fully validated for medical applications. For research use only.

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