

Product Data Sheet

Product Name: β -LG (41-60) acetate

Cat. No.: GC81376

Chemical Properties

Cas. No.

Formula $C_{106}H_{173}N_{23}O_{34} \cdot xC_2HF_3O_2$ M.Wt 2313.64

Solubility DMSO: 50 mg/mL (Need ultrasonic) Storage Sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

Val-Tyr-Val-Glu-Glu-Leu-Lys-Pro-Thr-
Pro-Glu-Gly-Asp-Leu-Glu-Ile-Leu-Leu-
Gln-Lys (Acetate salt)

Background

β -LG (41-60) acetate is a peptide. β -LG (41-60) acetate can be produced by the tryptic hydrolysis of β -LG. β -LG (41-60) acetate has emulsifying properties [1] [2].

References:

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

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- [1]. Groleau P E, et al. Effect of aggregating peptides on the fractionation of β -LG tryptic hydrolysate by nanofiltration membrane[J]. Journal of membrane science, 2004, 234(1-2): 121-129.
- [2]. Groleau PE, et al. Effect of physicochemical conditions on peptide-peptide interactions in a tryptic hydrolysate of beta-lactoglobulin and identification of aggregating peptides. J Agric Food Chem. 2003 Jul 16;51(15):4370-5.

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