
Product Data Sheet

Product Name: Proinsulin C-peptide human

Cat. No.: GC36978

Chemical Properties

Cas. No. 33017-11-7

Formula $C_{129}H_{211}N_{35}O_{48}$

M.Wt 3020.26

Solubility DMSO : ≥ 60 mg/mL (19.87 mM)

Storage Store at -20°C

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

Background

Proinsulin C-peptide (human) is a 31-amino-acid peptide that links the A and B chains of proinsulin, ensuring its correct folding, which is biologically active and modulates cellular function [1].

[1]. R. S. Mughal, et al. Cellular mechanisms by which proinsulin C-peptide prevents insulin-induced neointima formation in human saphenous vein. *Diabetologia*. 2010 Aug;53(8):1761-71.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA