
Product Data Sheet

Product Name: C-Peptide, dog (C-Peptide (dog))

Cat. No.: GC31527

Chemical Properties

Cas. No. 39016-05-2

SMILES Glu-Val-Glu-Asp-Leu-Gln-Val-Arg-Asp-Val-Glu-Leu-Ala-Gly-Ala-Pro-Gly-Glu-Gly-Gly-Leu-Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ala-Leu-GlnFormula $C_{137}H_{225}N_{37}O_{49}$ M.Wt 3174.47

Solubility Soluble in Water 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**

C-Peptide, dog is a component of proinsulin, released from pancreatic beta cells into blood together with insulin.

C-Peptide, dog is a component of proinsulin, released from pancreatic beta cells into blood together with insulin[1]. C-Peptide is used as a marker of insulin secretion[2].

[1]. Kawanishi K, et al. Immunoreactive dog C-peptide level in the pancreatic vein. Horm Metab Res. 1980 Dec;12(12):660-4. [2]. Polonsky KS, et al. C-peptide and insulin secretion. Relationship between peripheral concentrations of C-peptide and insulin and their secretion rates in the dog. J Clin Invest. 1984 Nov;74(5):1821-9.

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

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