
Product Data Sheet

Product Name: Parathyroid Hormone (1-34), human, biotinylated

Cat. No.: GC69654

Chemical Properties

Cas. No.

Formula C₁₉₁H₃₀₅N₅₇O₅₃S₃

M.Wt 4344.1

Solubility

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**

Paratroid Hormone (1-34), human, biotinylated is a probe for the paratroid hormone receptor, can be used for analyzing the interaction between paratroid hormone and paratroid hormone receptors in living cells and for purifying hormone-receptor complexes with affinity columns^{[1][2]}.

[1]. Newman W, et, al. Biotinylated paratroid hormone as a probe for the paratroid hormone receptor. Structure-function analysis and detection of specific binding to cultured bone cells by flow cytometry. J Biol Chem. 1989 Oct 5; 264(28): 16359-65.

[2]. Banerjee S, et, al. Synthesis and characterization of novel biotinylated carboxyl-terminal paratroid hormone peptides that specifically crosslink to the CPTH-receptor. Peptides. 2006 Dec; 27(12): 3352-62.

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

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