
Product Data Sheet

Product Name: Insulin alpha-chain 1-13

Cat. No.: GC36318

Chemical Properties

Cas. No. 872036-64-1

Formula $C_{66}H_{118}N_{20}O_{22}S_3$

M.Wt

1639.96

Solubility Soluble in DMSO

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**

Insulin alpha-chain (1-13) is a human leucocyte antigen (HLA)-DR4-restricted epitope comprising the first 13 amino acids of the insulin A-chain[1].

[1]. Mannering SI, et al. The A-chain of insulin is a hot-spot for CD4+ T cell epitopes in human type 1 diabetes. Clin Exp Immunol. 2009 May;156(2):226-31.

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

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