# Data Sheet (Cat.No.T24168)



## Insulin B (20-30)

#### **Chemical Properties**

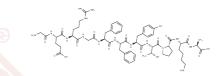
CAS No.: 91921-56-1

Formula: C60H85N15O16

Molecular Weight: 1272.41

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### **Biological Description**

Description	Insulin B (20-30) is a peptide hormone produced by beta cells of the pancreatic islets,
	and it is considered to be the main anabolic hormone of the body. It is therefore an
	anabolic hormone, promoting the conversion of small molecules in the blood into large
	molecules inside the cells.

#### **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	0.7859 mL	3.9296 mL	7.8591 mL
5 mM	0.1572 mL	0.7859 m <b>Ĺ</b>	1.5718 mL
10 mM	0.0786 mL	0.393 mL	0.7859 mL
50 mM	0.0157 mL	0.0786 mL	0.1572 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

#### Reference

Guo F, Huang D, Zhang W, Yan Q, Yang Q, Yang Y, Li H, Yun J, Hong W, Yang G. Star-shaped polyester-based elastomers as an implantable delivery system for insulin: Development, pharmacokinetics, pharmacodynamics,

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