

Insulin (swine)

Cat. No.: HY-P3479
CAS No.: 12584-58-6
Batch No.: 360713
Chemical Name: Insulin (swine)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{256}H_{381}N_{65}O_{76}S_6$
Molecular Weight: 5777.54
Storage: Sealed storage, away from moisture
Powder -80°C 2 years
-20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

Insulin (swine)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity: 98.30%
Macromolecular protein: 0.5%
Loss on drying: 6.5%
Zinc: 0.4%
Bacterial endotoxin: <10 EU/mg
Biological activity: 27 u/mg
Conclusion: The product has been tested and complies with the given specifications.

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

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