

## Insulin glargine

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 160337-95-1   |
| Formula:          | C267H404N72O78S6  |
| Molecular Weight: | 6062.89   |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |   |
|---------------|---|
| Description   | Insulin glargine, a long-acting insulin analog, is utilized for the treatment of diabetes mellitus [1]. |
| Targets(IC50) | Akt,IGF-1R  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.1649 mL | 0.8247 mL | 1.6494 mL |
| 5 mM  | 0.033 mL  | 0.1649 mL | 0.3299 mL |
| 10 mM | 0.0165 mL | 0.0825 mL | 0.1649 mL |
| 50 mM | 0.0033 mL | 0.0165 mL | 0.033 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481