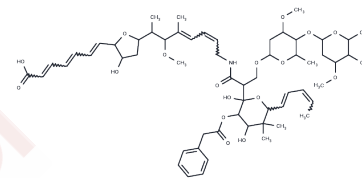


## Phenelfamycins C

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 118498-93-4   |
| Formula:          | C58H83NO18  |
| Molecular Weight: | 1082.28   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Phenelfamycins C is an antibiotic identified in the bacterial strains <i>Streptomyces violaceoniger</i> AB 9991-80 and <i>Streptomyces violaceoniger</i> AB 1047T-33, with all its components showing activity against Gram-positive bacteria. |
| Targets(IC50) | Antibacterial, Antibiotic  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.924 mL  | 4.6199 mL | 9.2398 mL |
| 5 mM  | 0.1848 mL | 0.924 mL  | 1.848 mL  |
| 10 mM | 0.0924 mL | 0.462 mL  | 0.924 mL  |
| 50 mM | 0.0185 mL | 0.0924 mL | 0.1848 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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