

## Perfluorovaleric acid

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2706-90-3   |
| Formula:          | C <sub>5</sub> HF <sub>9</sub> O <sub>2</sub>   |
| Molecular Weight: | 264.05  |
| 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   | Perfluorovaleric acid is a key indicator of PFC pollution and is associated with spatial heterogeneity in microbial taxonomy. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.7872 mL | 18.9358 mL | 37.8716 mL |
| 5 mM  | 0.7574 mL | 3.7872 mL  | 7.5743 mL  |
| 10 mM | 0.3787 mL | 1.8936 mL  | 3.7872 mL  |
| 50 mM | 0.0757 mL | 0.3787 mL  | 0.7574 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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