# Data Sheet (Cat.No.TP2470)



## Pteroylhexaglutamylglutamic acid

#### **Chemical Properties**

CAS No.: 6484-74-8

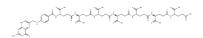
Formula: C49H61N13O24

Molecular Weight: 1216.08

Appearance: no data available

Storage: keep away from moisture

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



### **Biological Description**

| Description | Pteroylhexaglutamylglutamic acid is a pteroylpolyglutamate. |  |
|-------------|---|--|
|             |   |  |

#### **Preparing Stock Solutions**

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.8223 mL | 4.1116 mL | 8.2231 mL |
| 5 mM  | 0.1645 mL | 0.8223 mL | 1.6446 mL |
| 10 mM | 0.0822 mL | 0.4112 mL | 0.8223 mL |
| 50 mM | 0.0164 mL | 0.0822 mL | 0.1645 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

Ramagiri S, Gupte R, Rakov I, Yates CR, Miller DD. Quantitative chiral analysis of phthaloylglutamic acid and related analogs by a single ratio kinetic method using electrospray ionization and matrix-assisted laser desorption

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