

PEG500

## Chemical Properties

CAS No. :

Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>H<sub>2</sub>O

Molecular Weight: 500

Keep away from direct sunlight

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

Actual storage temperature shall be subject to the COA.

## Biological Description

|               |  |
|---------------|--|
| Description   | PEG500 (Polyethylene glycol 500) is a versatile polymer utilized as a solvent, dispersant, and lubricant in various industries, including pharmaceuticals and biotechnology. It is employed in the modification of liposomes and frequently serves as a solvent or carrier for drugs. Additionally, PEG500 can aid in enhancing image quality and cecum completion rates in capsule endoscopy. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg      |
|-------|----------|-----------|-----------|
| 1 mM  | 2.000 mL | 10.000 mL | 20.000 mL |
| 5 mM  | 0.400 mL | 2.000 mL  | 4.000 mL  |
| 10 mM | 0.200 mL | 1.000 mL  | 2.000 mL  |
| 50 mM | 0.040 mL | 0.200 mL  | 0.400 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

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