

## PEG 3350

## Chemical Properties

CAS No. :

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

Molecular Weight: 3350

Keep away from moisture

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	PEG 3350 (Polyethylene glycol 3350) is a PEG polymer with a molecular weight of 3350. It serves as a laxative, thickening agent and solvent, and is extensively utilised in related research within the life sciences sector.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 40 mg/mL (11.94 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2985 mL	1.4925 mL	2.9851 mL
5 mM	0.0597 mL	0.2985 mL	0.597 mL
10 mM	0.0299 mL	0.1493 mL	0.2985 mL
50 mM	0.006 mL	0.0299 mL	0.0597 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.

## Reference

Harris JM, et al. Effect of pegylation on pharmaceuticals. Nat Rev Drug Discov. 2003 Mar;2(3):214-21.

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