

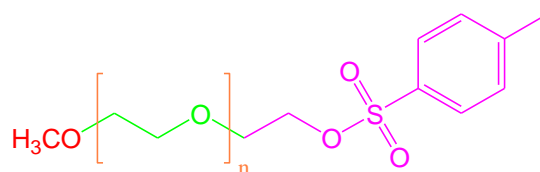
# Product Information

## Methoxypoly(Ethylene Glycol) Tosylate

**Product Number: 1101140**

### Synonyms

Tosylate-Terminated Methoxypoly(Ethylene Glycol)  
mPEG Tosylate



### Specifications

CAS Number: 58320-73-3

M.W. (Repeat Unit): 1,950 - 2050 g.mol<sup>-1</sup>

Appearance (Form): Powder

Appearance (Color): White to Faint Yellow

Proton NMR Spectrum: Conforms to Structure

Store: at Room Temperature

Substitution: ≥ 95 %

Solubility (Water): Soluble

Solubility (Turbidity): Clear

### Description

Methoxypolyethylene glycol tosylate is a synthetic polymer and widely used in biomedical research due to its biocompatibility.

### Applications

Methoxypolyethylene glycol tosylate can be used to enhance the solubility of hydrophobic compounds, drug delivery for cancer to increasing serum half-life and couple with other polymer to form graft copolymers as nonviral gene vectors.

### Precautions

For laboratory and research use. Not for drug, household or other uses.

### Stability

The Methoxypoly(Ethylene Glycol) tosylate powder is stable for at least 6 months at room temperature. Storage of the stock Methoxypoly(Ethylene Glycol) tosylate powder at high temperature for more than 2 weeks may cause decomposition and yield incorrect results.

### Packaging

1g in glass bottle

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