

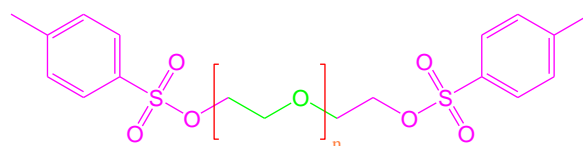
Product Information

Poly(Ethylene Glycol) Di-p-tosylate

Product Number: 1104150

Synonyms

p-Tosylate-Terminated Poly(Ethylene Glycol)
PEG Ditosylate



Specifications

CAS Number: 82055-94-5

M.W. (Repeat Unit): 1,900 - 2100 g.mol⁻¹

Appearance (Form): Powder

Appearance (Color): White to Faint Yellow

Proton NMR Spectrum: Conforms to Structure

Store: at 2 – 8 °C

Substitution: ≥ 95 %

Solubility (Water): Soluble

Solubility (Turbidity): Clear

Description

PEG Ditosylate is a non-toxic biopolymer which has properties such as biocompatibility and biodegradability. It can be reacted with crosslinking agents to form a three dimensional mesh that can be used in drug delivery systems. It can also be used as a non-ionic surfactant for a variety of biological applications. It can be supported cell growth such as the cell adhesive peptide RGD.

Applications

PEG Ditosylate can be used for tissue engineering, drug delivery applications and the form injectable hydrogels.

Precautions

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

Stability

At refrigerator, the PEG Ditosylate powder is stable for at least 3 months. Storage of the stock PEG Ditosylate powder at room temperature for more than 1 week may cause decomposition and yield incorrect results.

Packaging

1, 2 and 5 g in glass bottle