

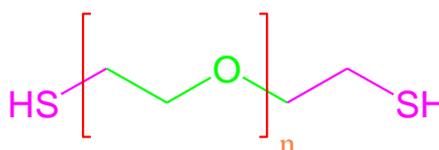
Product Information

Poly(Ethylene Glycol) Dithiol

Product Number: 1104140

Synonyms

Thiol-Terminated Poly(Ethylene Glycol)
PEG Dithiol



Specifications

CAS Number: -

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

Poly(ethylene glycol) Dithiol 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.

Applications

Poly(ethylene glycol) Dithiol can be used for tissue engineering, drug delivery applications and the form of hydrogels.

Precautions

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

Stability

At refrigerator, the PEG Dithiol powder is stable for at least 3 months. Storage of the stock PEG Dithiol 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