Product Information



Methoxypoly(Ethylene Glycol) Azide

Product Number: 1101120

Synonyms

Azide-Terminated Methoxypoly(Ethylene Glycol) mPEG Azide

Specifications

CAS Number: 89485-61-0 M.W. (Repeat Unit): 1,900 - 2000 g.mol⁻¹ Appearance (Form): Powder Appearance (Color): White to Faint Yellow Proton NMR Spectrum: Conforms to Structure Store: at Room Temperature

Ο [**Υ**] **Ν**₃ n

Substitution: ≥ 95 % Solubility (Water): Soluble Solubility (Turbidity): Clear

Description

Methoxypolyethylene glycol Azide is a synthetic polymer and widely used in biomedical research due to its biocompatibility. Methoxy PEG Azide (M-PEG Azide) is a high selectivity linear click chemistry PEG reagent for pegylation of under simple rapid alkynes reaction conditions even in aqueous environment. The azide group of Methoxy PEG Azide can be reduced to amine by hydrogenolysis.

Applications

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

Packaging

1g in glass bottle

Draw Your Dreams by

Product Information

zfzco.com