

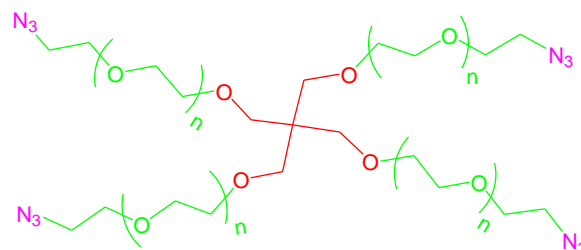
Product Information

4-Arm Poly(Ethylene Glycol) Azide

Product Number: 1102130

Synonyms

Azide-Terminated Poly(Ethylene Glycol)
4-Arm PEG Azide



Specifications

CAS Number: -

M.W. (Repeat Unit): 10,000 g.mol⁻¹

Appearance (Form): Powder

Appearance (Color): White

Proton NMR Spectrum: Conforms to Structure

Store: at 2 - 8 °C

Substitution: ≥ 95 %

Solubility (Water): Soluble

Solubility (Turbidity): Clear

Description

4-Arm Poly(Ethylene Glycol) Azide is a non-toxic polymer which has properties such as biocompatibility and biodegradability. It can be cross-linked into PEG hydrogels. Azide groups are useful for coupling via click chemistry reactions with alkynes and form crosslinked hydrogels.

Applications

4-Arm Poly(Ethylene Glycol) Azide can be used as a multi-functional macromer for bioconjugation, PEG hydrogel, drug delivery, crosslinking, and surface functionalization. As a substrate, it possesses a variety of requirements necessary for tissue engineering and biomedical applications, for wound sealing and healing and for 2D and 3D cell culture.

Precautions

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

Stability

At refrigerator, the 4-arm PEG Azide powder is stable for at least 3 months. Storage its stock at room temperature for more than 1 week may cause decomposition and yield incorrect results.

Packaging

1 g in glass bottle