Polymer Factory introduces a new product line comprising of linear-dendritic hybrid materials with Polyethylene glycol cores and polyester based dendritic end-groups. The unique selling proposition of these PEG-cored dendrimers highlights the large number of terminal hydroxyl groups available for further functionalization.

Core: PEG 6k or PEG 20k

- Traditional PEG-OH: Number of -OH: 2
- PFD-G1-PEG-OH: Number of -OH: 4
- PFD-G2-PEG-OH: Number of -OH: 8
- PFD-G3-PEG-OH: Number of -OH: 16

**Maldi-TOF Characterization**

**1H-NMR Characterization**

**Potential Applications**
- Hydrogels for controlled drug release
- Multifunctional scaffolds
- Tissue engineering
- Drug delivery

**Featured Material Properties**
- Biocompatible, non-toxic, and water soluble
- Well-defined linear-dendritic hybrid materials
- Low polydispersity (PDI < 1.15)
- Increasing number of functional hydroxyl groups
- Readily functionalized for further modifications

**Availability & Price**
- Available from 250 mg up to 5 g
- Sold individually or in combinations
- **PRICE:** 1 g PFD-G1-PEG6k-OH → 275 €
- 3 x 250 mg kit (G1-G3) → 275 €

**Inquiry for pricing**
Polymer Factory Sweden AB
E-mail: info@polymerfactory.com
Phone: + 46 8 718 42 00
Fax: + 46 8 790 82 83
www.polymerfactory.com