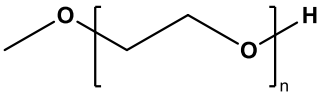
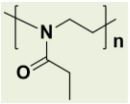
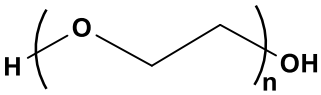
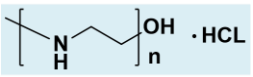
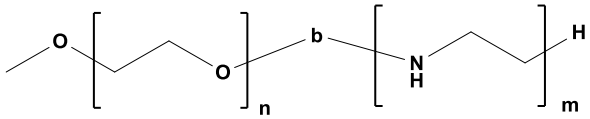
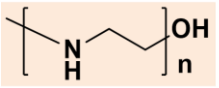
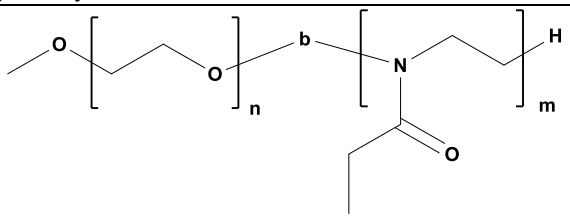
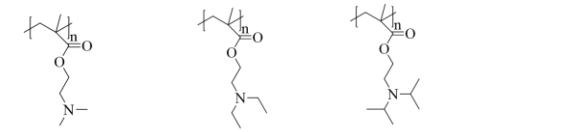
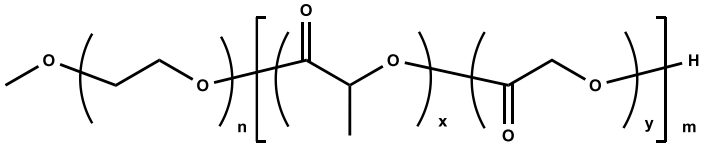
Shilpa Pharma Lifesciences Limited

Unit-2: Plot No: 33, 33A & 40-47, Raichur Industrial Growth Center, Chicksugur-584 134, Raichur District, Karnataka State, India.
CIN No. U24100KA2020PLC134081

Innovating for affordable healthcare

List of PEG Linkers

▪ **Various Molecular weights of Methoxy PEG**	▪ **Poly(2-ethyloxazoline)**
 **Mn: 3kDa, 5kDa, 10 and 20 kDa with Low Molecular weight distribution (PDI)**	 ❖ Average Mn: 3500-6500, PDI ≤ 1.3 ❖ Average Mn: 8500-12500, PDI ≤ 1.4 ❖ Average Mn: 17500-22500, PDI ≤ 1.5 • PEOZ is amorphous and water soluble with good temperature stability • PEOZ is amorphous and water soluble with good temperature stability
▪ **Monodisperse PEG Diols (PEG6, PEG8, PEG9 and PEG12)**	▪ **Poly(ethyleneimine hydrochloride)**
 **n: 6, 8, 9 and 12 kDa with Low PDI**	 ❖ Average Mn: 4000-7000, PDI ≤ 1.5 ❖ Average Mn: 8000-12000, PDI ≤ 1.6 ❖ Average Mn: 17000-22000, PDI ≤ 1.6 • PEI has a high charge density, enabling strong interactions with negatively charged DNA • PEI and PEI-β-mPEG for Nonviral-based gene delivery Vector
▪ **Various Molecular weights of Methoxy PEG-block-Polyethylenimine**	▪ **Linear Polyethyleneimine**
 **Mn: 12 and 25 kDa with Low PDI**	 ❖ Average Mn: 2000-3000, PDI ≤ 1.5 ❖ Average Mn: 4000-6000, PDI ≤ 1.6 ❖ Average Mn: 7000-9000, PDI ≤ 1.6
▪ **Various Molecular weights of Methoxy PEG-block-Poly2-ethyloxazoline**	▪ **Poly[2-(dialkylamino)ethyl methacrylate] derivatives**
 **Mn: 8, 20 and 40 kDa with Low PDI**	 Poly(dimethylaminoethyl methacrylate), Poly(2-(dimethylamino)ethyl methacrylate) Poly(2-(Diisopropylamino)ethyl methacrylate)
▪ **Various Molecular weights of Methoxy PEG-block-PLGA**	
	

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