

Attachment group	Amino acid	Examples of macromolecular moiety	Conjugation method/Activated PEG	Reference
-NH <sub>2</sub>	N-terminal, Lys	Polymer, e.g. PEG	mPEG-SPA Tresylated mPEG	Shearwater Inc. Delgado et al, critical reviews in Therapeutic Drug Carrier Systems 9(3,4):249-304 (1992)
-COOH	C-term, Asp, Glu	Polymer, e.g. PEG  (Oligosaccharide moiety)	mPEG-Hz  <i>In vitro</i> glycosylation)	Shearwater Inc
-SH	Cys	Polymer, e.g. PEG,  Oligosaccharide moiety	PEG-vinylsulphone PEG-maleimide  <i>In vitro</i> glycosylation	Shearwater Inc Delgado et al, critical reviews in Therapeutic Drug Carrier Systems 9(3,4):249-304 (1992)
-OH	Ser, Thr, OH-, Lys	Oligosaccharide moiety	<i>In vivo</i> O-linked glycosylation	
-CONH <sub>2</sub>	Asn as part of an N-glycosylation site	Oligosaccharide moiety  Polymer, e.g. PEG	<i>In vivo</i> N-glycosylation	