Zwitterionic Monomers Suitable for Biocompatible Polymer Synthesis

2-Methacryloyloxyethyl Phosphorylcholine [M2005]

3-[[2-(Methacryloyloxy)ethyl]dimethylammonio]propionate [M2359]

New 3-[[3-Acrylamidopropyl]-dimethylammonio]propanoate [A3279]

M2005 is a zwitterionic-structured methacrylate ester similar to phospholipids. M2359 and A3279 are respectively a methacrylate ester and an acrylamide having a betain-type zwitterionic structure. It has been reported that these monomers are polymerized to give unique biomaterials.

Applications

Low protein absorption

Surface modification

Biocompatible micelle

Cell adhesion material

Hydrogel

2-Methacryloyloxyethyl Phosphorylcholine

3-[[2-(Methacryloyloxy)ethyl]dimethylammonio]propionate

3-[[3-Acrylamidopropyl]-dimethylammonio]propanoate

For further information please refer to our website at www.TCIchemicals.com.