**Synthesis of organic conjugated polymers: A review**

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**Abstrac**t:

Conducting polymers(CPs) have received a great deal of attention due to their excellent properties, including tuneable electrical properties, optical properties, high mechanical performance, ease of synthesis, and fabrication compared to other traditional inorganic materials. Conducting polymer (CPs) properties make them useful in a variety of practical industries such as sensors, conductive adhesives, and energy storage devices. These materials are referred to as "organic semiconductors" because they exhibit behaviour that is comparable to that of an inorganic semiconductor. Since their first discovery in 1977, CPs' electrical conductivity has been the topic of study. Their synthesis, because of the wide range of applications and commercial value of conjugated polymers, chemists have worked to improve conventional polymerization techniques and create, and modify synthetic routes. This review article describes the various techniques available for the synthesis of Conducting polymers such as polyacetylene(PA), polyaniline(PANI), polypyrrole(PPy), polythiophene(PT), and polyphenyl vinylene(PPV) via traditional and some other procedures.