

## Scale Up of Porous Covalent Organic Polymer

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Through various scientific discoveries in the field of chemistry and chemical engineering, many newly developed produces are being developed for various applications. In case of porous materials, its high porosities and specific functionality aids to its highest record value in field of absorption through giving more specific surface area or chemical affinity towards the target species. However, in the process of commercialization, these newly developed materials suffer due to the nature of different synthesis condition. Furthermore, porous covalent organic network polymer has never been scaled up due to its hectic and sensitive synthesis conditions. Herein, we report our trials to scale up porous covalent organic network polymer through careful modifications and alterations to scale up synthesis condition from 50 ml scale to 50 L bench scale reactor.