

The new preparation method of nanowires containing various organic molecules J. Nishijo, S. Ishizaki, T. Wada, T. Kohara, M. Nakagawa, Y. Fukuta and T. Akashi Department of Interdisciplinary Science and Engineering, Meisei University



(6 mmol)

(10 mmol)











nanorod. diameter:?

Nanowires & nanorods (recrystallized)







nanorod, diameter: 94±30 nm

4. Conclusion

We developed a preparation method for nanowires, by which we can construct nanowires from various ethynyl substituted organic molecules.

The method also enables us to prepare functional nanowires such as magnetic nanowires and fluorescent nanowires, by using ethynyl-substituted functional molecules.









