## **Electronic Supporting Information**

## Design of dispersant structure for highly concentrated onedimensional inorganic molecular chain from $V_2Se_9$ crystal

Sudong Chae,†<sup>a</sup> Akhtar J. Siddiqa,†<sup>a</sup> Bum Jun Kim,<sup>b</sup> Seungbae Oh,<sup>a</sup> Kyung Hwan Choi,<sup>b</sup> Hyo Yeol Kim,<sup>a</sup> Keun Ho Lee,<sup>a</sup> Hak Ki Yu<sup>c</sup> and Jae-Young Choi<sup>\*a,b</sup>

<sup>a</sup>School of Advanced Materials Science & Engineering, Sungkyunkwan University, Suwon, 16419, Korea

<sup>b</sup>School of Advanced Institute of Nanotechnology (SAINT), Sungkyunkwan University, Suwon, 16419, Korea.

<sup>c</sup>Dept. of Materials Science and Engineering & Dept. of Energy Systems Research, Ajou University, Suwon, 16499, Korea

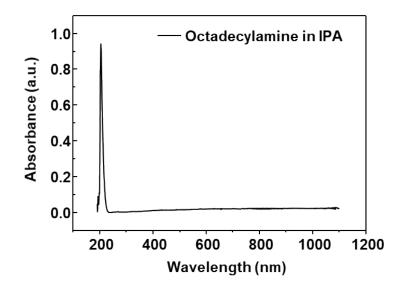


Figure S1. UV-vis absorption spectra of the octadecylamine dissolved in isopropyl alcohol.