Platinum Nanowires are included in DropSens Nanomaterials range and are produced via the electrochemical deposition on an alumina template. After dissolving the alumina, purified metal NanoWires are obtained.

The manufacturing process allows customising the dimensions of these NanoWires. Our standard process produces Palladium Nanowires with an average diameter of 150-250 nm and an average length varying from 10-16 µm.

Nanowires are commercialised in ethanol solution with a concentration of $8.9 \times 10^8$ NW/mL.

Nanowires in other metallic materials such as Nickel, Paladium, Gold, Silver or Pt-Au-Ni Nanowires are also available.

This product is available in 1.5 or 4.5 mL order quantities.