

Product Information

ZnO@Ni nanorods@Conductive glass

Cat. No.: X26-04-ZQ617

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: ZnO-Ni/FTO/ITO; Nickel-decorated zinc oxide nanorods; ZnO@Ni nanostructures on glass

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This product consists of zinc oxide (ZnO) nanorods decorated with nickel (Ni) nanoparticles, synthesized on a conductive glass substrate (such as ITO or FTO). The ZnO nanorods provide a high-surface-area semiconductor framework, while the Ni decoration introduces catalytic or magnetic functionality. This core-decoration architecture is optimized for studying charge transfer at metal-semiconductor heterojunctions.
Source	Custom synthesis
Partical Size	1*2 cm
Functional Group	ZnO@Ni
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	This product can be used for the research of optoelectronic devices, the study of magnetically-enhanced catalysis, and the development of advanced gas sensors.
Storage	Store at -20°C.