CD BioGlyco
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Product Information

FeOOH nanorods@Carbon cloth

Cat. No.: X26-04-ZQ616

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

Synonym: FeOOH/CC electrode; Iron oxyhydroxide nanorods on carbon cloth; FeOOH-decorated CC

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

Product Information

Description	This material features iron oxyhydroxide (FeOOH) nanorods grown directly onto a flexible and conductive carbon cloth substrate. The high aspect ratio of the nanorods provides a large electrochemically active surface area, while the carbon cloth ensures efficient electron transport and structural support. This hierarchical structure is designed for researchers studying the performance of transition metal hydroxides in electrochemical environments.
Source	Custom synthesis
Partical Size	2*3 cm
Functional Group	FeOOH
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 electrochemical supercapacitors, the study of oxygen evolution reaction (OER) catalysts, and the development of flexible electrode materials.
Storage	Store at -20ºC.