

Product Information

TiO₂/GO composite hydrogels

Cat. No.: X26-04-ZQ2693

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

Synonym: Titania/Graphene oxide gel; TiO₂-GO hybrid hydrogel; TiO₂/GO nanocomposite

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

Product Information

Description	Titanium dioxide/graphene oxide (TiO ₂ /GO) composite hydrogels are photocatalytic hybrid networks. The composition features TiO ₂ nanoparticles and GO sheets dispersed in a hydrogel matrix. The structure provides a high surface area and catalytic activity, making it a model for investigating the degradation of industrial pollutants or the development of self-cleaning surfaces in research.
Source	Custom synthesis
Form	Solid
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 study of photocatalytic degradation, the development of high-performance industrial adsorbents, and research into metal oxide-graphene synergy.
Storage	Store at -20°C.