



PRODUCT MANUAL

Product name:	Zinc Peroxide Nanoparticles coated with oPEG ligands
Product number:	ZnO ₂ -oPEG-S

Dispersion preparation (5 mg/mL)

- (1) Weigh out 10 mg of ZnO₂-oPEG-S powder and transfer to glass vial.
- (2) Add 2 mL of an appropriate solvent (i.e., DMSO, MeOH, EtOH, acetone and H₂O) to the vial.
- (3) Sonicate for at least 10 minutes.
- (4) Store the resulting dispersion at room temperature.
- (5) Dispersion should be stable for at least few hours. If white precipitate appears at the bottom of the vial, sonicate for at least 10 minutes again.

Caution: Nanoparticles

Handling: Wear personal protective equipment, face and eyes protection. Wear protective gloves. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Ensure proper ventilation. Avoid dust formation. Avoid breathing vapors, dust, mist or gas.

PRODUCT INTENDED FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY