

PEG-COOH LEAD SULPHIDE Quantum Dots

NS6130-12-000226

Quick Facts

Product	:	Lead Sulphide-PEG-COOH Quantum Dots
Stock No	:	NS6130-12-000226
Purity	:	99.9%
Composition	:	PbS

Technical Specification

Emission Peak	Surface Group	Solvent
950±50nm	PEG-COOH	Water

Lead sulfide-PEG-COOH quantum dots are nanoscale particles composed of lead sulfide (PbS) and polyethylene glycol (PEG) functionalized with carboxylic acid (-COOH) groups.

Quantum Dots have potential applications such as solar cells, medical imaging, and sensing, drug delivery, and biosensing due to their unique optical and electronic properties and biocompatibility, sensing, imaging, and lighting.

*This image is for graphic purposes only and does not represent the actual product.

