

**NS6130-12-000227**

# CADMIUM SELENIDE LEAD SULPHIDE

PEG NH<sub>2</sub> Quantum Dots

## Quick Facts

Product	:	PbS PEG NH <sub>2</sub> QDs
Stock No	:	NS6130-12-000227
Purity	:	99.9%
Composition	:	PbS
Emission Peak	:	950±50nm
Surface Group	:	PEG-NH <sub>2</sub>
Solvent	:	Water

**Purity**  
99.9%

Lead sulfide-PEG-NH<sub>2</sub> quantum dots are nanoscale particles composed of lead sulfide (PbS) and polyethylene glycol (PEG) functionalized with amino (-NH<sub>2</sub>) 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.

**PbS**



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