

PEG-NH₂
LEAD SULPHIDE
Quantum Dots

NS6130-12-000233

Quick Facts

Product	:	Lead Sulphide-PEG-NH ₂ Quantum Dots
Stock No	:	NS6130-12-000233
Purity	:	99.9%
Composition	:	PbS

Technical Specification

Emission Peak	Surface Group	Solvent
1120±50nm	PEG-NH ₂	Water

Lead sulfide-PEG-NH₂ quantum dots are nanoscale particles composed of lead sulfide (PbS) and polyethylene glycol (PEG) functionalized with amino (-NH₂) 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.

