

NS6130-02-262

Quick Facts

Product	:	PbS quantum dots
Stock No	:	NS6130-02-262
CAS	:	1314-87-0
Molecular Formula	:	PbS QDs

Lead Sulfide Quantum Dots

Purity
99.99%

Technical Specification

Molecular Weight	Density
239.27 g/mol	4.65 g/cm ³

PbS quantum dots (QDs) have been used extensively in optoelectronic devices such as solar cells, photodetectors and phototransistors. Lead sulfide quantum dots (PbS QDs) are very attractive as NIR-active semiconductors for the fabrication of cost-efficient optoelectronic devices.

Application

- ✓ Highly sensitive cellular imaging
- ✓ Photovoltaic devices
- ✓ Drug delivery
- ✓ Solar cells
- ✓ Light emitting devices

PbS



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