

NS6130-12-000223

LEAD SULPHIDE

PEG-COOH Quantum Dots

Quick Facts

Product	:	PbS PEG COOH QDs
Stock No	:	NS6130-12-000223
Purity	:	99.9%
Composition	:	PbS
Emission Peak	:	1120±50nm
Surface Group	:	PEG-COOH
Solvent	:	Water

Purity
99.9%

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.

PbS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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