

NS6130-12-000229

LEAD SULPHIDE

PEG-COOH Quantum Dots

Quick Facts

Product	:	PbS PEG COOH QDs
Stock No	:	NS6130-12-000229
Purity	:	99.9%
Composition	:	PbS
Emission Peak	:	1030±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

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911