

NS6130-12-000200

INDIUM PHOSPHIDE ZINC SULPHIDE

PEG-COOH Quantum Dots

Quick Facts

Product	:	InP/ZnS PEG COOH QDs
Stock No	:	NS6130-12-000200
Purity	:	99.9%
Composition	:	InP/ZnS
Emission Peak	:	640±25nm
Surface Group	:	PEG-COOH
Solvent	:	Water

Purity
99.9%

Indium phosphide (InP)/zinc sulfide (ZnS)-PEG-COOH quantum dots are a type of nanocrystal made of InP and ZnS semiconductors that are coated with PEG (polyethylene glycol) and functionalized with COOH (carboxylic acid) groups.

Quantum dots have unique optical and electronic properties and are used in a variety of applications, including biological imaging, sensing, and drug delivery. COOH functionalization allows for the attachment of biomolecules, such as antibodies or enzymes, to the surface of the quantum dots for targeted imaging and therapeutic applications.

InP/ZnS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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