

NS6130-12-000192

INDIUM PHOSPHIDE ZINC SULPHIDE

PEG-NH₂ Quantum Dots

Quick Facts

Product	:	InP/ZnS PEG NH ₂ QDs
Stock No	:	NS6130-12-000192
Purity	:	99.9%
Composition	:	InP/ZnS
Emission Peak	:	540±25nm
Surface Group	:	PEG-NH ₂
Solvent	:	Water

Purity
99.9%

Indium phosphide / zinc sulphide-PEG-NH₂ quantum dots are a type of nanocrystal composed of a semiconductor core of indium phosphide and zinc sulphide, surrounded by a polyethylene glycol (PEG) coating and terminated with NH₂ functional groups.

Quantum dots used in various applications such as bioimaging, sensing, and drug delivery due to their small size, high luminescence, and biocompatibility. Other potential applications of these quantum dots include solar cells, LED displays, and electronic devices.

InP/ZnS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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