

NS6130-12-000193

INDIUM PHOSPHIDE ZINC SULPHIDE MPA-COOH Quantum Dots

Quick Facts

Product	:	InP/ZnS MPA COOH QDs
Stock No	:	NS6130-12-000193
Purity	:	99.9%
Composition	:	InP/ZnS
Emission Peak	:	540±25nm
Surface Group	:	MPA-COOH
Solvent	:	Water

Purity
99.9%

Indium phosphide / zinc sulphide-MPA-COOH quantum dots are a type of nanocrystal composed of a semiconductor core of indium phosphide and zinc sulphide, surrounded by a coating of mercaptopropionic acid (MPA) that provides COOH functional groups on the surface.

Quantum dots used in various applications such as bioimaging, sensing, and drug delivery due to their small size, high luminescence, and ability to bind to biomolecules through the COOH groups on their surface.

InP/ZnS



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