

NS6130-12-000186

ZINC SELENIDE ZINC SULPHIDE

PEG-COOH Quantum Dots

Quick Facts

Product	:	ZnSe/ZnS PEG COOH QDs
Stock No	:	NS6130-12-000186
Purity	:	99.9%
Composition	:	ZnSe/ZnS
Emission Peak	:	410±10nm
Surface Group	:	PEG-NH ₂
Solvent	:	Water

Purity
99.9%

Zinc Selenide/Zinc Sulphide-PEG-NH₂ Quantum Dots (QDs) are a type of nanocrystal composed of semiconductor materials such as zinc selenide or zinc sulphide, coated with polyethylene glycol (PEG) and amino (NH₂) functional groups.

QDs have unique optical and electronic properties due to their size-dependent quantum confinement effect, which results in their size-dependent fluorescence emission. They are used in various applications, including bioimaging, biosensing, drug delivery, and solar cells.

ZnSe/ZnS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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