

NS6130-12-000221

CADMIUM Selenide ZINC SULPHIDE

PEG NH₂ Quantum Dots

Quick Facts

Product	:	CdSe/ZnS PEG NH ₂ QDs
Stock No	:	NS6130-12-000221
Purity	:	99.9%
Composition	:	CdSe/ZnS
Emission Peak	:	620±25nm
Surface Group	:	PEG-NH ₂
Solvent	:	Water

Purity
99.9%

Cadmium selenide/zinc sulfide-PEG-NH₂ quantum dots are nanoscale particles composed of a core of cadmium selenide (CdSe) and zinc sulfide (ZnS) coated with polyethylene glycol (PEG) functionalized with amino (-NH₂) groups.

Quantum Dots have potential applications in fields such as bioimaging, drug delivery, and biosensing due to their unique optical and electronic properties and biocompatibility, sensing, imaging, biomedical imaging, sensing, and solar cell technology.

CdSe/ZnS



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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