

# CADMIUM Selenide CORE SHELL

**99.9%**  
(Purity)



Stock no:  
**NS6130-12-000512**

## CHEMICAL IDENTIFIERS

Purity	:	99.9%
Chemical name	:	CdSe/Sio2
APS	:	80-100nm
Molecular Weight	:	-
Density	:	-
Melting Point	:	-

Core/shell nanostructure have gained attention from the past two decades as it can be operated as a multifunctional nanomaterial. Due to its distinguished property core/shell nanomaterials are used in various applications like sensors, electronics, optoelectronics, catalysis, biomedical, etc.

The size and width of the shell influence the surface charge, surface reactivity, stability, and dispersive ability of the core. The advantage of core/shell nanoparticle in the biomedical applications are high chemical stability, low cytotoxicity, improved hydrophilicity for bio and cytocompatibility, surface modification and functionalization.

## Applications

- ✓ Solar energy utilization
- ✓ Cell labeling
- ✓ Cell visulization



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20ZICE4589C



19ZA7GO1274G



20ZICE4588M

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