



## DiagNano™ Oleic Acid CdS Quantum Dots, 385-410 nm

Cat.No: DNQ-M002

### DESCRIPTION

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<b>Description</b>	Cadmium Sulfide (CdS) quantum dots stabilized by oleic acid in toluene. FWHM (nm): 16-19 nm. UV-Vis HWHM (nm): 11-13 nm. Impurities: < 1%
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### APPLICATION

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<b>Application Notes</b>	Widely used in highly sensitive cellular imaging, photovoltaic devices, solar cells, light emitting devices, etc.
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### PRODUCT INFORMATION

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<b>Diameter</b>	1.8-2.3 nm
<b>Ligand</b>	Oleic Acid
<b>Concentration</b>	N/A
<b>Absorption Max</b>	380 nm +/- 10 nm
<b>Emission Max</b>	385-410 nm
<b>Quantum Yield</b>	N/A

### STORAGE AND SHIPPING

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<b>Storage Buffer</b>	Toluene (or Hexanes, Chloroform, Dichloromethane, Methanol on request)
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