

## DiagNano™ PbS Quantum Dots, 1600 nm

Cat.No: DNK-B040

### DESCRIPTION

<b>Description</b>	PbS quantum dots supplied as powder with a quantum yields (QY)> 40%, FWHM: 120-150 nm, 1600 nm emission peak.
--------------------	---

### APPLICATION

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

### PRODUCT INFORMATION

<b>Ligand</b>	Oleic acid
<b>Emission Max</b>	1600± 50 nm
<b>Quantum Yield</b>	> 40%

### STORAGE AND SHIPPING

<b>Shelf Life</b>	6 months if stored in dark at 4°C
-------------------	-----------------------------------